

天祥公證行有限公司

ADDRESS 地址	:	2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong 香港九龍青山道五百七十六號製衣中心二字樓
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2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong 香港九龍青山道五百七十六號製衣中心二字樓
Unit A, 9/F, Hang Cheong Factory Building, 1 Wing Ming Street, Kowloon, Hong Kong 香港九龍永明街一號恆昌工廠大廈九樓 A 室
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Workshop No. 3, G/F, World-wide Industrial Centre, 43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong 香港新界沙田火炭山尾街 43-47 號環球工業中心地下 3 號
Unit 7-10, Ground Floor, Trans Asia Centre, 18 Kin Hong Street, Kwai Chung, N.T., Hong Kong 香港新界葵涌健康街 18 號恆亞中心地下 7-10 號單位
Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測 Chemical Testing 化學測試 Chinese Medicine 中藥 Electrical and Electronic Products 電氣及電子產品 Environmental Testing 環境測試 Food 食品 Miscellaneous 雜類 Pharmaceutical Products 藥物 Physical and Mechanical Testing 物理及機械測試 Textiles and Garments 紡織品及成衣 Toys and Children's Products 玩具及兒童產品



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Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
<ul> <li>Electrical switch, protective device and connection device</li> <li>電路開關及保護或連接用電器裝置</li> <li>Switch for household and similar fixed electrical installation (0202)</li> <li><excluding following="" the=""></excluding></li> <li>Switch having a rated current of over 45A</li> <li>Three-phase switch</li> <li>Switch having a protective enclosure against access to hazardrous parts, ingress of solid foreign objects and ingress of water</li> <li>Switch intended for a self ballasted lamp load</li> <li>家用和類似用途固定式電氣裝置的開闢 (0202)</li> <li>&lt;不包括&gt;</li> <li>- 額定電流大於 45A 的開闢</li> </ul>	All required tests as specified in CNCA-C02-01: 2014 - Safety tests	規範、標準方法或應用技術 GB/T 16915.1-2014 GB/T 16915.1-2014
<ul> <li>- 額定電流大於 45A 的開關</li> <li>- 三相開關</li> <li>- 帶有防止與危險部件接觸、防外部 固體物進入和防有害進水的保護 外殼的開關</li> <li>- 用於控制自鎮流燈的開關</li> </ul>	- 安全檢測項目	GB/T 16915.1-2014



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Electronic product and safety accessory 電子產品及安全附件		
<ul> <li>Colour television receiver and TV set-top box (0808)</li> <li><i>Excluding the following</i> &gt;</li> </ul>	All required tests as specified in CNCA-C09-01: 2023	
<ul> <li>Television receiver for use in a vehicle</li> <li>Apparatus having a picture tube</li> </ul>	- Safety tests	GB 4943.1-2022
<ul> <li>Apparatus using connection terminals having an open-circuit voltage of 60 V d.c. or above</li> </ul>	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 彩色電視接收機、電視機頂盒 (0808) <b>&lt;不包括&gt;</b>	CNCA-C09-01: 2023 有關規定的所有檢測項目	
- 汽車用電視接收機 - 帶有顯像管的設備	- 安全檢測項目	GB 4943.1-2022
-帶有直流開路電壓 60 V 或以上 連接端子的設備	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012
- Personal computer (0901)	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 微型計算機 (0901)	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012



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Electronic product and safety accessory 電子產品及安全附件		
- Portable personal computer (0902)	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 便攜式計算機 <i>(0902)</i>	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	-安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012
<ul> <li>Display unit for use with a computer (0903)</li> <li><i>Excluding the following&gt;</i></li> <li>Cathode ray tube display unit</li> </ul>	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
-與計算機連用的顯示設備 <i>(0903)</i> <i>&lt;不包括&gt;</i> - 陰極射錢管顯示設備	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	-安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012



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Electronic product and safety accessory 電子產品及安全附件		
<ul> <li>Printer connected to a computer (0904)</li> <li></li> <li></li></ul>	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 與計算機相連的打印設備 <i>(0904)</i> <i>&lt;不包括&gt;</i> - 含液體打印設備	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012
<ul> <li>Multifunction printer/copier (0905)</li> <li>&lt; Excluding the following&gt;</li> <li>Multiple function printer or copier</li> </ul>	All required tests as specified in CNCA-C09-01: 2023	
using ink	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
-多用途打印複印機(0905) < <b>不包括&gt;</b> - 含液體的多用途打印複印機	CNCA-C09-01: 2023 有關規定的所有檢測項目	
BARBERTY ALLENT TAX	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012



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Electronic product and safety accessory 電子產品及安全附件		
- Scanner (0906)	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 掃描儀(0906)	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	-安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012
- Server (0911)	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 服務器(0911)	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012



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Electronic product and safety accessory 電子產品及安全附件		
- Power supply 電源		
<ul> <li>Power adapter for audio and video apparatus (0807)</li> <li><i>Excluding the following</i> &gt;</li> </ul>	All required tests as specified in CNCA-C09-01: 2023	
- Apparatus using connection terminals having an open-circuit voltage of	- Safety tests	GB 4943.1-2022
60 V d.c. or above	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 音視頻設備配套的電源適配器 <i>(0807)</i> <b>&lt;不包括&gt;</b>	CNCA-C09-01: 2023 有關規定的所有檢測項目	
-帶有直流開路電壓 60 V 或以上 連接端子的設備	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012
- Power adapter for information technology equipment (0907)	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
-信息技術設備配套的電源適配器 (0907)	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012



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Electronic product and safety accessory 電子產品及安全附件		
Power supply (cont'd) 電源(續上)		
- Built-in power supply for a computer or server (0907)	All required tests as specified in CNCA-C09-01: 2023	
	- Safety tests	GB 4943.1-2022
	- EMC tests*	GB/T 9254.1-2021 GB 17625.1-2012
- 計算機/服務器內置電源 <i>(0907)</i>	CNCA-C09-01: 2023 有關規定的所有檢測項目	
	- 安全檢測項目	GB 4943.1-2022
	- 電磁兼容檢測項目*	GB/T 9254.1-2021 GB 17625.1-2012



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Lighting apparatus 照明電器		
- Luminaire (1001) 燈具(1001)		
<ul> <li>Fixed general purpose luminaire</li> <li></li> <li></li> <li><i>Excluding the following&gt;</i></li> <li>Luminaire having a degree of protection</li> </ul>	All required tests as specified in CNCA-C10-01: 2014	
IP5X, IP6X, IPX1, IPX2, IPX6 or IPX8 - Luminaire having uninsulated accessible SELV parts of opposite polarity	- Safety tests	GB 7000.1-2015 GB 7000.201-2008
<ul> <li>Luminaire designed for using a tungsten halogen lamp or a metal halide lamp</li> <li>Rough service luminaire</li> <li>Luminaire having thermal sensing controls</li> </ul>	- EMC tests*	GB/T 17743-2021 GB 17625.1-2012
- 固定式通用燈具 <i>&lt;不包括&gt;</i> - 外殼防護等級 IP5X、IP6X、IPX1、	CNCA-C10-01: 2014 有關規定的所有檢測項目	
IPX2、IPX6或 IPX8 的燈具 -帶有極性相反的未絕緣可觸及的 特低電壓(SELV)部件的燈具	- 安全檢測項目	GB 7000.1-2015 GB 7000.201-2008
-使用鹵鎬燈和金屬鹵化燈的燈具 -惡劣條件使用的燈具 -裝有熱傳感控制器的燈具	- 電磁兼容檢測項目*	GB/T 17743-2021 GB 17625.1-2012



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Lighting apparatus 照明電器		
- Luminaires (1001) (cont'd) 燈具 (1001) (續上)		
<ul> <li>Portable general purpose luminaire</li> <li><i>Excluding the following&gt;</i></li> <li>Luminaire having a degree of protection</li> </ul>	All required tests as specified in CNCA-C10-01: 2014	
IP5X, IP6X, IPX1, IPX2, IPX6 or IPX8 - Luminaire having uninsulated accessible SELV parts of opposite polarity	- Safety tests	GB 7000.1-2015 GB 7000.204-2008
<ul> <li>Luminaire designed for using a tungsten halogen lamp or a metal halide lamp</li> <li>Rough service luminaire</li> <li>Luminaire having thermal sensing controls</li> </ul>	- EMC tests*	GB/T 17743-2021 GB 17625.1-2012
- 可移式通用燈具 <i>&lt;不包括&gt;</i> - 外殼防護等級 IP5X, IP6X, IPX1,	CNCA-C10-01: 2014 有關規定的所有檢測項目	
IPX2, IPX6及IPX8的燈具 - 有極性相反的未絶緣可觸及的 安全特低電壓(SELV)部件的燈具	- 安全檢測項目	GB 7000.1-2015 GB 7000.204-2008
-使用鹵鎢燈和金屬鹵化燈的燈具 -惡劣條件使用的燈具 -使用熱傳感控制器的燈具	- 電磁兼容檢測項目*	GB/T 17743-2021 GB 17625.1-2012



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Toys and children's products 兒童用品		
- Children ride-on cars (2201) - 童車類產品 (2201)		
- Child tricycle	All required tests as specified in CNCA-C22-01: 2020	GB 14747-2006*
- 兒童三輪車	CNCA-C22-01-2020 有關規定的所有檢測	GB 14747-2006*
<ul> <li>Wheeled child conveyance</li> <li><i>Excluding the following</i></li> <li>Conveyances with exposed metal surface</li> </ul>	All required tests as specified in CNCA-C22-01: 2020	GB 14748-2006*
- 兒童推車 < <b>不包括&gt;</b> - 有暴露金屬表面的推車	CNCA-C22-01: 2020 有關規定的所有檢測	GB 14748-2006*
<ul> <li>Baby walking frame</li> <li><i><excluding following="" the=""></excluding></i></li> <li>Walking frames with exposed metal surface</li> </ul>	All required tests as specified in CNCA-C22-01: 2020	GB 14749-2006*
-嬰兒學步車 < <b>不包括</b> > -有暴露金屬表面的學步車	CNCA-C22-01: 2020 有關規定的所有檢測	GB 14749-2006*

\* Physical and mechanical tests are carried out at Unit 7-10, Ground Floor, Trans Asia Centre, 18 Kin Hong Street, Kwai Chung, New Territories, Hong Kong. 機械及物理性能測試在香港新界葵涌健康街 18號恆亞中心地下 7-10號單位進行。



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Toys and children's products		
兒童用品		
- Toy (2202)		
- 玩具(2202)		
- Toys bicycle	All required tests as specified in	GB 6675.1-2014
	CNCA-C22-02: 2020	GB 6675.2-2014 + Amendment No. 1
		GB 6675.3-2014
		GB 6675.4-2014
- 玩具自行車	CNCA-C22-02: 2020	GB 6675.1-2014
205日11千	有關規定的所有檢測	GB 6675.2-2014 + 第一號修改單
		GB 6675.3-2014
		GB 6675.4-2014
- Electric children ride-on car	All required tests as specified in	GB 6675.1-2014
	CNCA-C22-02: 2020	GB 6675.2-2014 + Amendment No. 1
		GB 6675.3-2014
		GB 6675.4-2014
		GB 19865-2005 + Amendment No. 1
- 電動童車	CNCA-C22-02: 2020	GB 6675.1-2014
	有關規定的所有檢測	GB 6675.2-2014 + 第一號修改單
		GB 6675.3-2014
		GB 6675.4-2014
		GB 19865-2005 + 第一號修改單
- Other toys car	All required tests as specified in	GB 6675.1-2014
	CNCA-C22-02: 2020	GB 6675.2-2014 + Amendment No. 1
		GB 6675.3-2014
		GB 6675.4-2014
- 其他玩具車輛	CNCA-C22-02: 2020	GB 6675.1-2014
	有關規定的所有檢測	GB 6675.2-2014 + 第一號修改單
		GB 6675.3-2014
		GB 6675.4-2014
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Toys and children's products 紀童用品		
Toy (2202) (cont'd) 玩具(2202) (續上)		
<ul> <li>Electric toy</li> <li><i>Excluding the following&gt;</i></li> <li>toys containing gas or liquid</li> <li>imitation weapon toy</li> <li>chemical toy</li> <li>cosmetic toy</li> <li>toys with direct food contact</li> <li>percussion cap</li> </ul>	All required tests as specified in CNCA-C22-02: 2020	GB 6675.1-2014 GB 6675.2-2014 + Amendment No. 1 GB 6675.3-2014 GB 6675.4-2014 GB 19865-2005 + Amendment No. 1
- 電玩具類產品 < <b>不包括&gt;</b> - 含氣體或液體玩具 - 仿真武器玩具 - 化學遊戲玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 玩具火藥帽	CNCA-C22-02: 2020 有關規定的所有檢測	GB 6675.1-2014 GB 6675.2-2014 + 第一號修改單 GB 6675.3-2014 GB 19865-2005 + 第一號修改單



天祥公證行有限公司

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Foys and children's products 兒童用品		
Toy (2202) (cont'd) 玩具(2202) (續上)		
<ul> <li>Plastic toy</li> <li><i>Excluding the following&gt;</i></li> <li>toys containing gas or liquid</li> <li>imitation weapon toy</li> <li>chemical toy</li> <li>cosmetic toy</li> <li>toys with direct food contact</li> <li>percussion cap</li> </ul>	All required tests as specified in CNCA-C22-02: 2020	GB 6675.1-2014 GB 6675.2-2014 + Amendment No. 1 GB 6675.3-2014 GB 6675.4-2014
· 塑膠玩具類產品 < <b>不包括</b> > - 含氣體或液體玩具 - 仿真武器玩具 - 化學遊戲玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 玩具火藥帽	CNCA-C22-02: 2020 有關規定的所有檢測	GB 6675.1-2014 GB 6675.2-2014 + 第一號修改單 GB 6675.3-2014 GB 6675.4-2014
Metal toys < <i>Excluding the following&gt;</i> - toys containing gas or liquid - imitation weapon toy - chemical toy - cosmetic toy - toys with direct food contact - percussion cap	All required tests as specified in CNCA-C22-02: 2020	GB 6675.1-2014 GB 6675.2-2014 + Amendment No. 1 GB 6675.3-2014 GB 6675.4-2014
- 金屬玩具類產品 < <b>不包括&gt;</b> - 含氣體或液體玩具 - 仿真武器玩具 - 化學遊戲玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 玩具火藥帽	CNCA-C22-02: 2020 有關規定的所有檢測	GB 6675.1-2014 GB 6675.2-2014 + 第一號修改單 GB 6675.3-2014 GB 6675.4-2014



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# Intertek Testing Services Hong Kong Ltd.

天祥公證行有限公司

Chemical Testing 化學測試		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定测试或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Liquid paint, PVC/plastics, surface coating & metals	存定测试或量度的特性 Cadmium	規範、標準方法或應用技術 Regulation (EC) No. 1907/2006 on REACH Annex XVII (Cadmium) as amended by Commission Regulation (EU) No. 835/2012 and Commission Regulation (EU) 2016/217 Compliance test procedures for cadmium content:- In House Method TC008.TP



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# Intertek Testing Services Hong Kong Ltd.

天祥公證行有限公司

Chinese Medicine 中藥		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Proprietary Chinese Medicines	Microbiological examinations : -	
	Microbial Limit Test 微生物限度檢查法:	Pharmacopoeia of the People's Republic of China 2000, Volume I, App. XIIIC and supplement 2002 中華人民共和國藥典 2000 年版一部附錄 XIIIC 及 2002 年增補本
	Aerobic bacteria count 細菌數	(Pour Plate Method) or (Dilution Plating Method)
	Mold and Yeast count 霉菌與酵母菌數	(Pour Plate Method) or (Dilution Plating Method)
	E. coli 大腸桿菌	(Isolation and Identification)
	Salmonella species 沙門菌	(Isolation and Identification)
	Pseudomonas aeruginosa 銅綠假單胞菌	(Isolation and Identification)
	Staphylococcus aureus 金黃色葡萄球菌	(Isolation and Identification)



天祥公證行有限公司

Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	EMC tests :- Emission tests	
Consumer ISM equipment	<ul> <li>Measurement of terminal disturbance voltages</li> <li>9 kHz to 30 MHz</li> </ul>	AS/NZS CISPR 11: 2011 CISPR 11: 2009 + A1: 2010 EN 55011: 2009 + A1: 2010
	<ul> <li>Measurement of terminal disturbance voltages</li> <li>9 kHz to 30 MHz</li> </ul>	AS CISPR 11:2017 + A1: 2020 CISPR 11: 2015 + A1: 2016 + A2: 2019 EN 55011: 2016 + A1: 2017 + A11: 2020



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Electrical and Electronic Products 電氣及電子產品		
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	Product performance tests :- 產品性能測試	
Audio, video and related equipment 影音設備		
- Television set, video recording equipment, set top box, audio equipment and multi-function equipment for	- Measurement of electrical power consumption in standby mode	IEC 62301: 2011 EN 50564: 2011
consumer use		(Note: The above two standards should be used in conjunction with the test method standards as detailed in IEC 62087 or EN 62087)
	- Measurement of power consumption	IEC 62087-1: 2015 IEC 62087-3: 2023
- Computer monitors	<ul><li>Measurement of electrical power</li><li>Measurement of energy efficiency</li></ul>	GB 21520-2015
- 計算機顯示器	- 功率測量 - 能源效率測量	GB 21520-2015



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Electrical and Electronic Products 電氣及電子產品		
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Lamp and light fitting	Product performance tests :-	
- Compact fluorescent lamp (for bulb diameter up to 165 mm and lamp power up to 100 W)	<ul><li> Luminous flux</li><li> Colour temperature</li><li> Colour rendering index</li></ul>	IES LM-66-14
<ul> <li>Compact fluorescent lamp (for bulb diameter up to 165 mm and lamp power up to 100 W)</li> <li>Fluorescent tube (for length of tube up to 813 mm)</li> <li>Halogen lamp</li> <li>Tungsten lamp (for lamp power up to 500 W)</li> <li>Disc shape light fittings c/w tungsten lamp or halogen lamp (for disc diameter up to 350 mm and lamp power up to 500 W)</li> <li>Emergency light fittings c/w fluorescent tube (for length of fitting up to 500 mm and lamp power up to 200 W)</li> </ul>	- Luminous flux	CIE 84: 1989 Cl. 6
- Reflector lamp	- Centre beam intensity - Beam angle	IEC 61341: 2010
- Self-ballasted lamp ( for bulb diameter up to165 mm and lamp power up to 60 W)	<ul> <li>Luminous flux measurement</li> <li>Starting time</li> <li>Run-up time</li> <li>Lamp dimensions</li> <li>Colour requirements</li> <li>Lumen maintenance</li> <li>Lamp life test</li> </ul>	EN 60969: 1993 + A1: 1993 + A2: 2000 IEC 60969: 1988 + A1: 1991 + A2: 2000



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Safety tests :- 安全檢測項目	
Audio, video and similar electronic apparatus	- Compliance inspection and safety tests	IEC 60065: 2014 < <i>Excluding the following</i> > Cl. 4.2.9, 4.3.13, 6.1, 6.3 (test to IEC 62471) 9.1.1.2c) (charge measurement above 200V) and 18 IEC 62368-1: 2018 < <i>Excluding the following</i> > Cl. 8.5.5, 10.5, Annexes C, G9, G13.3, G13.5, G13.6, G14, G15, G16 J, R, S, U and Y
Audio, video and similar electronic apparatus	- Compliance inspection and safety tests	GB 4943.1: 2022 < <i>Excluding the following</i> >
		Cl. 8.5.5, 10.5, Annexes C, G9, G13.3, G13.5, G13.6, G14, G15, G16 J, R, S, U and Y
音頻、視頻及類似電子設備	- 合規性檢查和安全檢測項目	GB 4943.1: 2022 <i>〈<b>不</b>包括〉</i> Cl. 8.5.5, 10.5, 附錄 C, G9, G13.3, G13.5, G13.6, G14, G15, G16 J, R, S, U 及 Y



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Electrical and Electronic Products 電氣及電子產品		
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	Safety tests :-	
Concumer products containing button cell or coin batteries	- Compliance inspection and safety tests	16 CFR Part 1263 in conjunction with ANSI/UL 4200A-2023
		ANSI/UL 4200A-2023



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2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong 香港九龍青山道五百七十六號製衣中心二字樓

Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Electric cable	Safety tests :-	
<ul> <li>Light duty PVC insulated flexible cable of rated voltage up to300/500V with following number and cross-sectional area of conductors:</li> <li>2 x 1.0mm<sup>2</sup> to 1.5mm<sup>2</sup></li> <li>3 x 1.0mm<sup>2</sup> to 1.5mm<sup>2</sup></li> </ul>	- Compliance inspection and safety tests	BS EN 50525-2-11: 2011* in conjunction with BS EN 50525-1: 2011 + A1: 2022 EN 50525-2-11: 2011* in conjunction with EN 50525-1: 2011 + A1: 2022 IEC 60227-5: 2011* in conjunction with IEC 60227-1: 2007 and IEC 60227-2: 1997 + A1: 2003
<ul> <li>General purpose ordinary duty rubber insulated flexible cable of rated voltage up to 450/750V with following number and cross-sectional area of conductors:</li> <li>2 x 1.0mm<sup>2</sup> to 1.5mm<sup>2</sup></li> <li>3 x 1.0mm<sup>2</sup> to 1.5mm<sup>2</sup></li> </ul>	- Compliance inspection and safety tests	BS EN 50525-2-21: 2011 in conjunction with BS EN 50525-2-21: 2011 in conjunction with EN 50525-1: 2011 + A1: 2022 < <i>Excluding the following &gt;</i> for the above four standards Ageing treatment in oxygen bomb

\* Flexing test of cable is conducted at Unit A, 9/F, Hang Cheong Factory Building, 1 Wing Ming Street, Kowloon, Hong Kong



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Electrical and Electronic Products 電氣及電子產品		
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Electrical accessory	Safety tests :-	
- Rewirable and non-rewirable 13 A fused plug	- Compliance inspection and safety tests	BS 1363-1: 2016 + A1: 2018 MS 589-1: 2018 SS 145: Part 1: 2019
- 13A switched and unswitched socket outlet	- Compliance inspection and safety tests	BS 1363-2: 2016 + A1: 2018 SS 145: Part 2: 2018 MS 589-2: 2018 <i>&lt; Excluding the following &gt;</i> for the above three standards C1. 14.3 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8)
- Adaptors for use with 13A socket outlet	- Compliance inspection and safety tests	BS 1363-3: 2016 + A1: 2018 MS 589-3: 2018 SS 145: Part 3: 2020
- 13A fused connection unit	- Compliance inspection and safety tests	BS 1363-4: 2016 + A1: 2018 < <i>Excluding the following</i> > Cl. 14.3 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8) SS 403: 2013 SS 145: Part 4: 2022 < <i>Excluding the following</i> > Cl. 14.3 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8)
- 13A fused conversion plug	- Compliance inspection and safety tests	BS 1363-5: 2016



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Electrical accessory (cont'd)	Safety tests :-	
- 5A and 15A three-pin plug, socket outlet and socket outlet adaptor	- Compliance inspection and safety tests	BS 546: 1950 with PD1752, PD4389, AMD251, AMD2307, AMD4045, AMD5809, AMD6144 and AMD8914 < <i>Excluding the following</i> > Testing of materials to Cl. 12 is conducted according to in-house methods TM000546-009 to TM000546-011;
- 15A three-pin plug and socket outlet	- Compliance inspection and safety tests	MS 1577: 2003
- 15A three-pin plug and switched socket outlet	- Compliance inspection and safety tests	SS 472: 1999 + A1: 2020
- Electrical wiring accessory	- Compliance inspection and safety tests	BS 5733: 2010 + A1: 2014 < <i>Excluding the following</i> > Cl. 13.4
		MS 1144: 2017 < <i>Excluding the following</i> > Cl. 13.4
- Travel adaptor compatible with UK plug and socket system	- Compliance inspection and safety tests	BS 8546: 2016
- Bayonet lampholder to B22 specification	- Compliance inspection and safety tests	BS EN 61184: 2017 + A1: 2019 EN 61184: 2017 + A1: 2022 IEC 61184: 2017 + A1: 2019



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Electrical accessory (cont'd)	Safety tests :-	
- Portable cable reel	- Compliance inspection and safety tests	BS EN 61242: 1997 + A1: 2008 + A2: 2016 EN 61242: 1997 + A1: 2008 + A2: 2016 IEC 61242: 1995 + A1: 2008 + A2: 2015 MS 1141: 2006 SS 307: 1996 < <i>Excluding the following</i> > for the above five standards Cl. 18.3.2, 18.3.3, 23.5 (chemical analysis of current- carrying parts)
- Cooker control unit	- Compliance inspection and safety tests	BS 4177: 1992 + A1: 1993 + A2: 1997 + A3: 2004 + A4: 2007 < <i>Excluding the following</i> > Cl. 8.2 & 12.12
- 1 gang & 2 gang box for flush mounting of an electrical accessory	- Compliance inspection and safety tests	BS 4662: 2006 + A1: 2009
- Box and enclosure for electrical accessory for household and similar fixed electrical installation	- Compliance inspection and safety tests	BS EN IEC 60670-1: 2021 + A11: 2021 EN IEC 60670-1: 2021 + A11: 2021
- Box and enclosure for electrical accessory for household and similar fixed electrical installation	- Compliance inspection and safety tests	GB 17466.1-2008
- 家用和類似用途固定式電氣裝置 電器附件安裝盒和外殼	- 合規性檢查和安全檢測項目	GB 17466.1-2008



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Electrical and Electronic Products 電氣及電子產品		
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	Safety tests :-	
Household appliance, luminaire and power transformer	<ul> <li>Tests for degrees of protection provided by enclosures of equipment against access to hazardous parts, against ingress of foreign objects and against ingress of water (IP code)</li> </ul>	BS EN 60529: 1992 with AMD7643 and AMD10931 EN 60529: 1989 + A1: 2000 IEC 60529: 1989 + A1: 1999 < <i>Excluding the following</i> > for the above three standards Cl. 14 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8) (Note: The above three standards should be used in conjunction with the relevant product test standards as detailed in BS EN 60335, EN 60335, IEC 60335, BS EN 60598, EN 60598, IEC 60598, BS EN 61558, EN 61558 and IEC 61558.)



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Household and similar electrical appliance	Safety tests :-	
- Electrical appliance with rated voltage not more than 250 V for single phase appliance and 480 V for other appliance	- Compliance inspection and safety tests	AS/NZS 60335.1: 2011 + A1: 2012 + A2: 2014 + A3: 2015 EN 60335-1: 2012 + A11: 2014 IEC 60335-1: 2010 + A1: 2013 <i>&lt; Excluding the following &gt;</i> for the above three standards Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46 (Note: The above standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of AS/NZS 60335, BS EN 60335, EN 60335 or IEC 60335.)
- Appliance for heating liquids (with rated voltage not more than 250 V)	- Compliance inspection and safety tests	IEC 60335-2-15: 2012 < <i>Excluding the following</i> > Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 19.4 (pressure cooker), 22.1 (tests for IP5X, IP6X), 22.7 (pressure cooker), 22.32 (oxygen bomb test), 22.46 and 22.108 (pressure cooker)
- Appliance for skin or hair care (with rated voltage not more than 250 V)	- Compliance inspection and safety tests	IEC 60335-2-23: 2003 + A1: 2008 + A2: 2012 < <i>Excluding the following</i> > Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 19.2 (heater for detachable curler), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46
- Battery charger (with rated voltage not more than 250V and input power up to 1 kW)	- Compliance inspection and safety tests	AS/NZS 60335.2.29: 2004 + A1: 2004+ A2: 2010 BS EN 60335-2-29: 2004 + AMD 15663 + AMD 15769 + A2: 2010 EN 60335-2-29: 2004 + A2: 2010 IEC 60335-2-29: 2002 + A1: 2004 + A2: 2009 < <i>Excluding the following</i> > for the above four standards Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Household and similar electrical appliance (cont'd)	Safety tests :-	
<ul> <li>Electric iron,</li> <li>including those with a separate water</li> <li>reservoir or boiler having a capacity not</li> <li>exceeding 51</li> <li>(with rated voltage not more than 250V)</li> </ul>	- Compliance inspection and safety tests	IEC 60335-2-3: 2012 < <i>Excluding the following&gt;</i> Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46
- Fan (with rated voltage not more than250 V for single-phase appliances and 480V for other appliances)	- Compliance inspection and safety tests	IEC 60335-2-80: 2002 + A1: 2004 + A2: 2008 < <i>Excluding the following</i> > Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46
- Grill, toaster and similar portable cooking appliance (with rated voltage not more than 250 V)	- Compliance inspection and safety tests	IEC 60335-2-9: 2008 + A1: 2012 < <i>Excluding the following</i> > Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46
- Kitchen machine (with rated voltage not more than 250 V)	- Compliance inspection and safety tests	IEC 60335-2-14: 2006 + A1: 2008 + A2: 2012 < <i>Excluding the following</i> > Cl. 11.7.110, 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 20.101 (hand-held food mixer), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Household and similar electrical appliance (cont'd)	Safety tests :-	
- Range hood and other cooking fume extractor (with rated voltage not more than 250V)	- Compliance inspection and safety tests	EN 60335-2-31: 2003 + A1: 2006 + A2: 2009 IEC 60335-2-31: 2002 + A1: 2006 + A2: 2008 < <i>Excluding the following</i> > for the above two standards Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test), 22.46 and 30.101 (test to ISO 9772) IEC 60335-2-31: 2012 < <i>Excluding the following</i> > Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.46 and 30.101 (test to ISO 9772)
- Room heater (with rated voltage not more than250 V for single-phase appliance and 480 V for other appliance)	- Compliance inspection and safety tests	IEC 60335-2-30: 2009 < <i>Excluding the following</i> > Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46
- Spin extractor (with rated voltage not more than 250V for single-phase appliances)	- Compliance inspection and safety tests	AS/NZS 60335.2.4: 2010 + A1: 2010 EN 60335-2-4: 2010 IEC 60335-2-4: 2008 + A1: 2012 < <i>Excluding the following</i> > for the above three standards Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Household and similar electrical appliance (cont'd)	Safety tests :-	
- Tumble dryer (with rated voltage not more than 250V for single-phase appliance)	- Compliance inspection and safety tests	AS/NZS 60335.2.11: 2009 + A1: 2010 + A2: 2014 EN 60335-2-11: 2010 + A11: 2012 IEC 60335-2-11: 2008 + A1: 2012 < <i>Excluding the following</i> > for the above three standards Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test) and 22.46
- Washing machine (with rated voltage not more than 250V for single-phase appliance)	- Compliance inspection and safety tests	AS/NZS 60335.2.7: 2012 EN 60335-2-7: 2010 + A1: 2013 + A11: 2013 IEC 60335-2-7: 2008 + A1: 2011 < <i>Excluding the following</i> > for the above three standards Cl. 15.1 (tests for IPX1, IPX2, IPX6 and IPX8), 22.1 (tests for IP5X, IP6X), 22.6 (aging test), 22.32 (oxygen bomb test) and 22.46



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Safety tests :-	
Information technology equipment <i>Axcluding the following&gt;</i> • Three-phase equipment • DC mains supply	- Compliance inspection and safety tests	AS/NZS 60950.1: 2015 BS EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 201 + A2: 2013 EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013 IEC 60950-1: 2005 + A1: 2009 + A2: 2013 < <i>Excluding the following</i> > for the above four standards 4.2.8, 4.3.12, 4.3.13.2, 4.3.13.3, 4.3.13.4, 4.6.2 (test to Cl. A.3), A.3



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	Safety tests :- 安全測試:-	
	x ± 0, m.	
Laser product	- Determination of laser class	IEC 60825-1: 1993 + A1: 1997 + A2: 2001
	(Class 1, 1M, 2, 2M, 3R and 3B)	Cl. 5, 6, 8 and 9
	- Labelling	
	- Other information requirements	IEC 60825-1: 2007
		Cl. 5, 6, 8 and 9
		EN 60825-1: 2007 Cl. 5, 6, 8 and 9
		BS EN 60825-1: 2007
		Cl. 5, 6, 8 and 9
	- Determination of laser class	IEC 60825-1: 2014
	(Class 1, 1M, 1C, 2, 2M, 3R and 3B)	Cl. 4, 5, 7 and 8
	- Labelling	
	- Other information requirements	
激光產品	- 確定激光器分類	GB 7247.1-2001
	(1,2,3A及3B類)	Cl. 5, 6, 8 and 9
	- 標記	
	- 其他說明性要求	



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Luminaire	Safety tests :-	
- Luminaire up to 100W	- Compliance inspection and safety tests	EN IEC 60598-1: 2021: + A11: 2022 IEC 60598-1: 2020 < <i>Excluding the following</i> > for the above two standards Cl. 4.13.4, 4.20, 4.24, 4.26, 4.28, 4.34, 4.35, 4.36, 9.2 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9) (Note: The above standard should be used in conjunction with the product test standards as detailed in relevant Part 2 of IEC 60598.)
- Fixed general purpose luminaire up to 100 W	- Compliance inspection and safety tests	EN IEC 60598-2-1: 2021 IEC 60598-2-1: 2020 < <i>Excluding the following</i> > for the above two standards Cl. 4.13.4, 4.20, 4.24, 4.26, 4.28, 4.34, 4.35, 4.36, 9.2 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9)
- Floodlight up to 100 W	- Compliance inspection and safety tests	BS EN 60598-2-5: 1998 EN 60598-2-5: 1998 IEC 60598-2-5: 1998 < <i>Excluding the following</i> > for the above three standards Cl. 5.6 (tests to Cl. 4.13.4, 4.20, 4.24, 4.26 of Part 1) and 5.13 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9)
- Luminaire with built-in transformer for filament lamp up to 100W	- Compliance inspection and safety tests	BS EN 60598-2-6: 1995 with AMD 9553 EN 60598-2-6: 1994 + A1: 1997 IEC 60598-2-6: 1994 + A1: 1996 < <i>Excluding the following</i> > for the above three standards Cl. 6.6 (tests to Cl. 4.13.4, 4.20, 4.24, 4.26 of Part 1) and 6.13 (tests for IP5X, IP6X, IPX1, IPX2 IPX6, IPX8 and IPX9)



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Electrical and Electronic Products 電氣及電子產品		
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Luminaire (cont'd)	Safety tests :-	
- Lighting chain	- Compliance inspection and safety tests	BS EN 60598-2-20: 2015 EN 60598-2-20: 2015 < <i>Excluding the following</i> > for the above two standards Cl. 4.13.4, 4.20, 4.24, 4.26, 4.28, 4.34, 4.35, 4.36, 9.2 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9) IEC 60598-2-20: 2022 < <i>Excluding the following</i> > Cl. 4.13.4, 4.20, 4.24, 4.26, 4.28, 4.34, 4.35, 4.36, 9.2 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9)
- Portable general purpose luminaire up to 100 W	- Compliance inspection and safety tests	BS EN 60598-2-4: 2018 EN 60598-2-4: 2018 IEC 60598-2-4: 2017 < <i>Excluding the following</i> > for the above three standards Cl. 4.13.4, 4.20, 4.24, 4.26, 4.28, 4.34, 4.35, 4.36, 9.2 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9)
- Portable luminaire for garden use up to 100 W	- Compliance inspection and safety tests	BS EN 60598-2-7: 1997 with AMD 8487, AMD 8724, AMD 9424, AMD 9623 and AMD 10563 EN 60598-2-7: 1989 + A11: 1994 + A12: 1995 + A2: 1996 + A13: 1997 IEC 60598-2-7: 1982 + A1: 1987 + A2: 1994 < <i>Excluding the following</i> > for the above three standards Cl. 7.6 (tests to Cl. 4.13.4, 4.20, 4.24, 4.26 of Part 1) and 7.13 (tests for IP5X, IP6X, IPX1, IPX2, IPX6, IPX8 and IPX9)



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Power transformer and power supply unit	Safety tests :-	
- Power transformer and power supply unit	- Compliance inspection and safety tests	AS/NZS 61558.1:2008 + A1: 2009 + A2: 2015 BS EN 61558-1: 2005 + A1: 2009 EN 61558-1: 2005 + Corr. 1 + A1: 2009 IEC 61558-1: 2005 + A1: 2009 < <i>Excluding the following</i> > for the above four standards Cl. 9.1.1.2.2, 17.1.1 (tests for IP5X, IP6X. IPX1, IPX2, IPX6, IPX8), 19.9 (oxygen bomb test); Annex K (Note: The above three standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of AS/NZS 61558, BS EN 61558, EN 61558 or IEC 61558.)
- Bell and chime transformer	- Compliance inspection and safety tests	AS/NZS 61558.2.8: 2011+ A1: 2012 BS EN 61558-2-8: 2010 EN 61558-2-8: 2010 IEC 61558-2-8: 2010 < <i>Excluding the following</i> > for the above four standards Cl. 9.1.1.2.2, 17.1.1 (tests for IP5X, IP6X. IPX1, IPX2, IPX6, IPX8), 19.9 (oxygen bomb test); Annex K
- Safety isolating transformer for general use	- Compliance inspection and safety tests	AS/NZS 61558.2.6: 2009 + A1: 2012 BS EN 61558-2-6: 2009 EN 61558-2-6: 2009 IEC 61558-2-6: 2009 < <i>Excluding the following</i> > for the above four standards Cl. 9.1.1.2.2, 17.1.1 (tests for IP5X, IP6X. IPX1, IPX2, IPX6, IPX8), 19.9 (oxygen bomb test); Annex K


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Electrical and Electronic Products 電氣及電子產品		
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Power transformer and power supply unit (cont'd)	Safety tests :-	
- Shaver transformer and shaver supply unit	- Compliance inspection and safety tests	BS EN 61558-2-5: 2010 EN 61558-2-5: 2010 IEC 61558-2-5: 2010 < <i>Excluding the following</i> > for the above three standards Cl. 9.1.1.2.2, 17.1.1 (tests for IP5X, IP6X. IPX1, IPX2, IPX6, IPX8), 19.9 (oxygen bomb test); Annex K
- Transformer for switch mode power supply	- Compliance inspection and safety tests	AS/NZS 61558.2.16: 2010 + A1: 2010 + A2: 2010 + A3: 2014 BS EN 61558-2-16: 2009 + A1: 2013 EN 61558-2-16: 2009 + A1: 2013 IEC 61558-2-16: 2009 + A1: 2013 < <i>Excluding the following</i> > for the above four standards Cl. 9.1.1.2.2, 17.1.1 (tests for IP5X, IP6X. IPX1, IPX2, IPX6, IPX8), 18.102, 19.9 (oxygen bomb test), 26.102 (Cl. 7 of IEC 60664-4 High-frequency testing) and 26.106; Annex K
- Transformer for toy	- Compliance inspection and safety tests	AS/NZS 61558.2.7: 2008 + A1: 2012 BS EN 61558-2-7: 2007 EN 61558-2-7: 2007 IEC 61558-2-7: 2007 < <i>Excluding the following</i> > for the above four standards Cl. 9.1.1.2.2, 17.1.1 (tests for IP5X, IP6X. IPX1, IPX2, IPX6, IPX8), 19.9 (oxygen bomb test); Annex K



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Telecommunications equipment tests :-	
Fixed telecommunications network equipment		
<ul> <li>Analogue loop start terminal equipment connected to a telephone network</li> <li><i>Excluding the following&gt;</i></li> <li>4 Wire devices</li> </ul>	<ul> <li>Connection of terminal equipment to the telephone network</li> </ul>	47 CFR Part 68 Subpart D
	- Hearing aid compatibility - Additional limitations	68.316 and 68.317 68.318
	- Technical requirement for connection of terminal equipment to the telephone network	TIA-968-B with errata. in conjunction with TSB-31-C TIA-968-B -1 TIA-968-B -2 TIA-968-B -3
	- Technical requirements for connection of terminal equipment to the telephone network	PTC 200: 2006 < <i>Excluding the following</i> > 6.12
	- Requirements for analogue terminal equipment and terminal system	CS-03 Part I Issue 9 Amdt 5
	<ul> <li>Requirements and test methods for magnetic output from handset telephones for hearing aid coupling</li> </ul>	CS-03 Part V Issue 9 Amdt 3
	- Mandatory analogue interworking and non-interference requirements for customer equipment for connection to the public switched telephone network	AS/CA S002: 2010 + Amdt 1: 2012 < <i>Excluding the following</i> > 5.1.7.2, 5.1.7.3, 5.2.2.2, 5.3.2.1, 5.3.3, 5.3.4, 5.7
<ul> <li>Analogue loop start terminal equipment connected to a telephone network and Voice over Internet Protocol (VoIP) equipment with handset acoustic interface</li> </ul>	<ul> <li>Voice frequency performance requirements for customer equipment</li> </ul>	AS/CA S004: 2013 < <i>Excluding the following</i> > 5.3, 5.4.1.4, 5.4.2, 5.4.3.3.3, 5.4.3.4.3, 5.4.3.5, 5.5
	- Requirements and test methods for magnetic output from handset telephones for hearing aid coupling	CS-03 Part V Issue 9 Amdt 3



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Electrical and Electronic Products 電氣及電子產品		
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	Telecommunications equipment tests :-	
Fixed telecommunications network equipment (cont'd)		
- xDSL terminal equipment connected to a telephone network	- Technical requirement for connection of terminal equipment to the telephone network	TIA-968-B with errata. in conjunction with TSB-31-C TIA-968-B -1 TIA-968-B -2 TIA-968-B -3
	- Requirements and tests methods for digital subscriber line (xDSL) terminal equipment	CS-03 Part VIII Issue 9 Amd. 4
- Network connection specification for connection of Customer Premises Equipment (CPE) to Direct Exchange Lines (DEL) of the Public Switched Telephone Network (PSTN) in Hong Kong	- Test of customer premises equipment to be connected to direct exchange lines of the public switched telephone network in Hong Kong	HKCA 2011 Issue 6 (2010)



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Environmental Testing 環境測試		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Microbial indicators :-	
Potable Water	Total Coliform counts	APHA 24e 9222 B (Membrane Filtration Method)
	Fecal Coliform count	APHA 24e 9222 D (Membrane Filtration Method)
	E. coli count	(Membrane Filtration Method) APHA 24e 9222 D & G (Membrane Filtration Method followed by <i>E. coli</i> Partition Method) DoE (1983) Bacteriological & Examination of Drinking Water Supplies 1982, Sections 7.8 & 7.9, (Membrane Filtration Procedure: Section 7.8, 7.9.4.1 & 7.9.4.2; Bacterial Confirmation: in-situ urease test) The microbiology of water 1994 Part 1 - drinking water, Report on Public Health and Medical Subjects No. 71 (Membrane Filtration Procedure: Section 7.7.4 & 7.7.5, Bacterial Confirmation: in-situ urease test)



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Food 食品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Toxicological tests :-	
Food containers (glass, ceramic and enamel ware)	Leachable Cadmium and Lead	Specifications and Standards for Food, Food Additives, etc., Chapter III Apparatus, Containers and Packaging, Part D Cl. 1 (Notification no. 370 of ministry of health, labour and welfare, 1959), (Notification No. 416 of ministry of health, labour and welfare, Amd. on 31/7/08), under the Japan Food Sanitation Law (Law No. 233, 1947) <i>Test procedure for compliance testing:</i> - Specifications, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents – JETRO 2008 Section II Part D Cl. D-1



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	Food composition tests:-	
Nuts and nut products	Protein (crude)	AOAC Official Methods 950.48 (2005)
Meat and meat products	Nitrogen content	BS 4401: Part 2: 1980 ISO 937-1978
Meat	Moisture	AOAC Official Methods 950.46B (a) (2005)
Refined oils	Fatty acids (free), acid value	AOAC Official Methods 940.28 (2005)
Oils and fats	Peroxide value	AOAC Official Methods 965.33 (2005)
General food	Sugars content - Fructose, Glucose, Galactose, Surcose, Lactose and Maltose	In-house method FC068.TP (Solvent extraction and HPLC-ELSD)
	Saturated fatty acids (C4:0, C6:0, C8:0, C10:0, C12:0, C14:0, C15:0, C16:0, C17:0, C18:0, C20:0, C22:0, C24:0)	AOAC Official Methods 996.06 (2005)
	$\begin{array}{l} Trans \ fatty \ acids \\ (C_{14:1T}(9\mbox{-}trans), \ C_{16:1T}(9\mbox{-}trans), \ C_{18:1T}(\ total), \\ C_{18:2TT}(9,12\mbox{-}trans), \ C_{18:2T}(9\mbox{-}cis,12\mbox{-}trans), \\ C_{18:2T}(9\mbox{-}trans,12\mbox{-}cis), \ C_{20:1T}(11\mbox{-}trans), \\ C_{22:1T}(13\mbox{-}trans)) \end{array}$	AOAC Official Methods 996.06 (2005)
	Sodium content	In-house method (FC085.TP) (Microwave digestion and FAAS)



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	Preservatives:-	
Meat and meat product	Sodium nitrate Sodium nitrite	BS 4401: Part 7: 1976 BS 4401: Part 8: 1976
General foodstuff	Benzoic acid, Methyl parahydroxybenzoate, Ethyl parahydroxybenzoate, Propyl parahydroxybenzoate, Sorbic acid	In-house method FC064.TP (Solvent extraction and HPLC-PDA)
General foodstuff (excluding alcoholic beverages)	Sulphur dioxide	In-house method FC065.TP (technique used: distillation followed by colorimetric determination)
	Metals:-	
General foodstuff (excluding bottled water)	Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Tin	In-house method FC067.TP (Microwave digestion and ICP-MS)



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Water	Microbiological tests :-	
	Total Coliform count	APHA 24e 9222 B (Membrane Filtration Method)
	Fecal Coliform count	APHA 24e 9222 D (Membrane Filtration Method)
	E. coli count	APHA 24e 9222 D & G (Membrane Filtration Method followed by <i>E. coli</i> Partition Method)
Potable water	Heterotrophic Plate Count (Colony count at 35°C)	APHA 24e 9215 A & D (Membrane Filtration Method)
L		



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Food 食品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Microbiological tests :-	
General foodstuff	Mold and yeast (total) counts	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 18, April 2001 (Dilution Plating Technique: Pour plate method) AOAC 2014.05 (2016) (General food) (Petrifilm Method)
	Aerobic Plate count	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 3, January 2001 (Conventional Plate Count Method)
	Total Coliform count	AOAC 991.14 (2016) (General foods) (Petrifilm Method) AOAC 986.33 (2016) (For milk) (Petrifilm Method)
	Coliform count	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 4, October 2020 (Pour plate: solid medium method or MPN Method)
	Faecal Coliform count	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 4, October 2020 (MPN Method)
	E. coli count	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 4, October 2020 (MPN Method followed by LST-MUG Method) or (MPN Method followed by completed test for <i>E. coli</i> ) AOAC 991.14 (2016) (General foods) (Petrifilm Method) AOAC 998.08 (2016) (For meat, poultry and seafood) (Petrifilm Method)
	E. coli O157	<ul> <li>AFNOR Certificate (BIO 12/25-05/09)</li> <li>AOAC RI Approved protocols (N°060903)</li> <li>Detection Method using VIDAS automated immunoassay system)</li> <li>Confirmed by US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 4A, July 2020 (updated on 07/2020)</li> </ul>



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ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Microbiological tests :- (cont'd)	
Dairy products, vegetables, seafood, raw meats and poultry, and processed meats and poultry	Listeria monocytogenes	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 10, April 2022 - Detection by Vidas LMO2 and API Listeria
General foodstuff	Listeria monocytogenes	ISO 11290-2: 2017 - Part 2: Enumeration method (by chromogenic agar and API Listeria)
	Salmonella	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 5, September 2023 (Isolation and Identification) AOAC Official Methods 2004.03 (2016) (Enzyme-Linked Fluorescent Assay) (ELFA) Screening Method using VIDAS automated immunoassay system)
	Staphylococcus aureus count (coagulase positive)	US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 12, March 2016 (Direct Plate Count Method) or (MPN Method)
Selected types of processed and prepared foods	Staphylococcus aureus count (coagulase positive)	AOAC 2003.07 (2016) (processed and prepared foods) (Petrifilm Method)
Selected dairy food	Staphylococcus aureus count (coagulase positive)	AOAC 2003.08 (2016) (dairy food) (Petrifilm Method)
Selected meat, seafood and poultry	Staphylococcus aureus count (coagulase positive)	AOAC 2003.11 (2016) (For meat, seafood and poultry) (Petrifilm Method)



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Miscellaneous 雜類		
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	Microbiological tests :-	
Cosmetics, liquids, pastes, putties, gels and powders	Microbiological examination of non- sterile products:	PCPC Microbiology Guidelines (2022) Section 12 Establishing Microbiological Quality of Personal Care Products Specific Criteria
	Microbial enumeration tests	<i>Test Procedures for compliance testing:</i> United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <61>
	Test for specified microorganisms	United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <62>
	Antimicrobial effectiveness testing	United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <51>



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Miscellaneous 雜類			
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	Microbiological tests :- (cont'd)		
Cosmetics	Microbiological examination of non- sterile products:	The European Cosmetic Regulation 1223/2009/EC (Annex I Part A Item 3) and The SCCS Notes of Guidance for the Testing of Cosmetics Ingredients and Their Safety Evaluation, 12 <sup>th</sup> Revision, 15 May 2023, SCCS/1647/22, Appendix 9: Guidelines on Microbiological Quality of the Finished Cosmetic Product	
	Microbial enumeration tests	Test Procedures for compliance testing: European Pharmacopoeia 11.2th edition (2023) Chapter 2.6.12 (01/2021:20612) British Pharmacopoeia (2023), App. XVI B-2 BS EN ISO 21149: 2017/Amd 1: 2022 (Pour Plate Method only) & ISO 16212: 2017/Amd 1: 2022 (Pour Plate Method only)	
	Test for specified microorganisms	European Pharmacopoeia 11.2th edition (2023) Chapter 2.6.13 (01/2021:20613) British Pharmacopoeia (2023), App. XVI B-1 ISO 22717:2015/Amd 1: 2022, ISO 22718:2015/Amd 1: 2022 & BS EN ISO 18416:2015/Amd 1: 2022 & ISO 21150:2015/Amd 1: 2022	
	Efficacy of Antimicrobial Preservation (Challenge Test)	European Pharmacopoeia 11.2th edition (2023) Chapter 5.1.3 (04/2022: 50103) British Pharmacopoeia (2023), App. XVI C (Criteria B) (Count by Pour Plate Method)	



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# Intertek Testing Services Hong Kong Ltd.

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Miscellaneous 雜類		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Microbiological tests :- (cont'd)	
Cosmetics	Evaluation of antimicrobial protection	ISO 11930: 2019/Amd 1: 2022
	Tests for microbial contamination:	
	Enumeration of aerobic mesophilic bacteria	BS EN ISO 21149: 2017/Amd 1: 2022 (Pour Plate Method only)
	Enumeration of yeast and mould	ISO 16212: 2017/Amd 1: 2022 (Pour Plate Method only)
	Detection of specified microorganisms	ISO 18415: 2017/Amd 1: 2022 <i><excluding following="" the=""></excluding></i> Cl. 9.9, 10.2
	Detection of Candida albicans	BS EN ISO 18416: 2015/Amd 1: 2022
	Detection of Escherichia coli	ISO 21150: 2015/Amd 1: 2022
	Detection of Pseudomonas aeruginosa	ISO 22717: 2015/Amd 1: 2022
	Detection of Staphylococcus aureus	ISO 22718: 2015/Amd 1: 2022



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Miscellaneous 雜類		
	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術	
Safety tests :-		
<ul> <li>basic requirements</li> <li>general construction</li> <li>gas soundness</li> <li>ignition</li> <li>flame stability</li> <li>heat input</li> <li>gas pressure regulating performance</li> <li>combustion</li> <li>flame failure devices</li> <li>surface temperature</li> <li>electrical insulation resistance</li> </ul>	EMSD/GU05/GS/TA2/NCF: August 2016	
<ul> <li>basic requirements</li> <li>general construction</li> <li>gas soundness</li> <li>ignition</li> <li>flame stability</li> <li>heat input</li> <li>combustion</li> <li>flame failure devices</li> <li>electrical insulation resistance</li> </ul>	EMSD/GU05/GS/QA: August 2016	
	Safety tests :-         - basic requirements         - general construction         - gas soundness         - ignition         - flame stability         - heat input         - gas pressure regulating performance         - combustion         - flame failure devices         - surface temperature         - electrical insulation resistance         - basic requirements         - general construction         - gas soundness         - ignition         - flame stability         - heat input         - combustion         - flame stability         - heat input         - combustion         - flame stability         - heat input         - combustion         - flame failure devices	



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Miscellaneous 雜類		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Domestic gas appliances (cont'd)	Safety tests :- (cont'd)	
- Domestic gas appliances connected to a flue (for LPG and Town gas)	<ul> <li>basic requirements</li> <li>general construction</li> <li>gas soundness</li> <li>water soundness</li> <li>ignition</li> <li>flame stability</li> <li>heat input</li> <li>gas pressure regulating performance</li> <li>combustion</li> <li>flame failure devices</li> <li>surface temperature</li> <li>overheating of water (for instantaneous water heaters)</li> <li>electrical insulation resistance</li> <li>soundness of combustion circuit of room-sealed appliances</li> <li>combustion products discharge failure devices of fan powered appliances</li> </ul>	EMSD/GU05/GS/TA2/CTF: August 2016
	<ul> <li>basic requirements</li> <li>general construction</li> <li>gas soundness</li> <li>water soundness</li> <li>ignition</li> <li>flame stability</li> <li>heat input</li> <li>combustion</li> <li>flame failure devices</li> <li>electrical insulation resistance</li> </ul>	EMSD/GU05/GS/QA: August 2016



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Miscellaneous 雜類		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Domestic gas appliances (cont'd)	Safety tests :- (cont'd)	
- Portable hotplates fuelled by disposable LPG cylinders	<ul> <li>basic requirements</li> <li>general construction</li> <li>gas soundness</li> <li>ignition</li> <li>flame stability</li> <li>gas consumption</li> <li>combustion</li> <li>flame failure devices</li> <li>surface temperature</li> <li>electrical insulation resistance</li> <li>over-pressure sensitive safety device</li> </ul>	EMSD/GU05/GS/TA2/NCF: August 2016
	<ul> <li>basic requirements</li> <li>general construction</li> <li>gas soundness</li> <li>ignition</li> <li>flame stability</li> <li>gas consumption</li> <li>combustion</li> <li>flame failure devices</li> <li>electrical insulation resistance</li> <li>over-pressure sensitive safety device</li> </ul>	EMSD/GU05/GS/QA: August 2016



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Pharmaceutical Products 藥物		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Microbiological examination :-	
	Wierobiological examination	
Non-sterile pharmaceutical	Microbiological quality:	Acceptance criteria:
preparations and substances for pharmaceutical use		United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <1111>
		Examination procedures:
	Microbial enumeration tests	United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1 Chapter <61>
	Test for specified microorganisms	United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <62>
	Microbiological quality:	Acceptance criteria:
		European Pharmacopoeia 11.2th edition (2023)
		Chapter 5.1.4 (01/2021:50104) revised 10.3 Examination procedures:
	Test for specified microorganisms	European Pharmacopoeia 11.2th edition (2023)
	Test for specifica meroorganisms	Chapter 2.6.13 (01/2021:20613)
	Microbial enumeration tests	European Pharmacopoeia 11.2th edition (2023)
		Chapter 2.6.12 (01/2021:20613)
	Microbiological quality:	Acceptance criteria:
		British Pharmacopoeia (2023), App. XVI D
		Examination procedures:
	Test for specified microorganisms Microbial enumeration tests	British Pharmacopoeia (2023), App. XVI B-1 British Pharmacopoeia (2023), App. XVI B-2
		British i harmacopoeta (2025), App. A vi B-2



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Pharmaceutical Products 藥物		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Microbiological examination :- (cont'd)	
Sterile pharmaceutical substances, preparation and articles for pharmaceutical use	- Sterility tests	European Pharmacopoeia, 11.2th edition (2023) Chapter 2.6.1 (04/2011:20601 corrected 7.7) British Pharmacopoeia (2023), Appendix XVI A
Sterile pharmaceutical substances, preparation and articles for pharmaceutical use <excluding following="" the=""> Penicillins, Cephalosporins, Sterile aerosol products, Devices with pathways labeled sterile.</excluding>	- Sterility tests	United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <71>



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Physical and Mechanical Testing 物理及機械測試		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Cutlery and utensils in contact with food	Safety and performance tests :-	
- Cutlery		
- Food preparation cutlery	- Construction and performance tests	BS EN ISO 8442-1: 1998 + A1: 2000 EN ISO 8442-1: 1997 + A1: 1999 ISO 8442-1: 1997 <i>Excluding the following</i> for the above three standards Section 4, Cl. 5.1, 6.4, 6.8
- Stainless steel table cutlery	- Construction and performance tests	BS EN ISO 8442-2: 1998 + A1: 1999 + A2: 2000 + Corr. 1: 2006 EN ISO 8442-2: 1997 + A1: 1999 + A2: 1999 ISO 8442-2: 1997 < <i>Excluding the following&gt;</i> for the above three standards Section 4 and 6, Cl. 5.4, 7.4
- Table cutlery with non-metallic handle	- Construction and performance tests	BS 5577: 1999 <i>Excluding the following</i> Section 4 and 6, Cl. 5.4, 7.4, 7.5, 7.7, 7.8, 7.9, 7.10, 7.11
- Cookware		
- Ceramic, glass, glass-ceramic or plastic cookware	- Microwave heating resistance test	BS EN 15284: 2007 EN 15284: 2007
- Ceramic, glass or glass-ceramic cookware	- Thermal shock and thermal shock endurance tests	BS EN 1183: 1997 EN 1183: 1997
- Ceramic cookware	- Water absorption test	BS EN 1217: 1998 EN 1217: 1997
- Domestic ceramic cookware	- Dish washing resistance test	BS EN 12875-4: 2006 EN 12875-4: 2006
- Domestic cookware	- Construction and performance tests	BS EN 12983-1: 2000 + A1: 2005 EN 12983-1: 2000 + A1: 2004 <i>Excluding the following&gt;</i> for the above two standards Section 8



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Physical and Mechanical Testing 物理及機械測試		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Cutlery and utensil in contact with food (cont'd)	Safety and performance tests :- (cont'd)	
- Tableware		
- Catering or industrial ceramic or glass tableware	- Impact resistance test	BS EN 12980: 2000 EN 12980: 2000
- Ceramic, glass or glass-ceramic tableware	- Thermal shock and thermal shock endurance tests	BS EN 1183: 1997 EN 1183: 1997
- Ceramic tableware	- Water absorption test	BS EN 1217: 1998 EN 1217: 1997
- Domestic ceramic tableware	- Dish washing resistance test	BS EN 12875-4: 2006 EN 12875-4: 2006
- Glazed ceramic tableware	- Crazing resistance test	BS EN 13258: 2003 EN 13258: 2003 < <i>Excluding the following</i> > for the above two standards Cl. 3.1, 6.1, 6.3.1, 7.1.1, 7.2.1
Glass and glass products		
- Glass container	Performance test :- - Determination of relative optical retardation associated with the state of annealing	ASTM C148-17
Polymer and polymer products		
- Hot water bottle	Safety and performance tests :- - Safety requirements and test methods	BS 1970: 2012 < <i>Excluding the following</i> > Cl. 3 Australian Trade Practices (Consumer Product Safety Standard) (Hot Water Bottles) Regulations 2008
Magnets, Magnetic Materials and Magnetic Products		
- Comsumer Product containing Magnet	- Safety requirements and test methods	16 CFR Part 1262 in conjunction with ASTM F963-17



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
General textiles and garments	Care performance tests :- - Dimensional changes on drycleaning in Perchloroethylene : machine method	AATCC TM158-1978e10(2016)e
General textiles and garments	<ul> <li>Assessing properties of drycleanability for:</li> <li>dimensional stability</li> <li>colour fastness (specimen, staining on multifibre adjacents, water spotting)</li> <li>seam pucker</li> <li>loss of finish (water resistance to ISO 811: 2018)</li> <li>loss of finish (flame resistance)</li> <li>crease retention</li> <li>creasing propensity</li> <li>wrinkle recovery</li> <li>surface abrasion</li> <li>performance of components, trims, accessories and adornments</li> <li>distortion (skewness, differential shrinkage)</li> <li>felting</li> <li>adhesion of fusible interlinings and bonded fabrics</li> <li>frayed of seams</li> <li>handle</li> <li>pilling</li> </ul>	BS EN ISO 3175-1: 2018 ISO 3175-1: 2017
General textiles and garments	- Procedure for testing performance when cleaning and finishing using tetrachloroethene	BS EN ISO 3175-2: 2018 ISO 3175-2: 2017 < <i>Excluding the following</i> > for the above two standards Cl. 9.2.9 Method E
General textiles and garments	- Procedure for testing performance when cleaning and finishing using simulated wetcleaning	BS EN ISO 3175-4: 2018 ISO 3175-4: 2018 <i>Excluding the following &gt;</i> for the above two standards Cl. 9.2.9 Method E



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
	特定測試或量度的特性	規範、標準方法或應用技術
	Care performance tests :- (cont'd)	
General textiles and garments	- Dimensional stability to washing	AATCC TM135-2018t
一般紡織品及成衣	洗滌後尺寸變化測定	AATCC TM150-2018t
		AS 2001.5.4-2005
		BS EN ISO 5077: 2008
		ISO 5077: 2007
		GB/T 8630-2013
		GB/T 8628-2013
		GB/T 8629-2017
		< Excluding the following >
		Cl. 5.1.2, 5.1.3, 5.2.3, 6.1.4, 6.1.5, 9.3b) and 9.3c)
		CAN/CGSB-4.2 No. 58-2004
		< Excluding the following >
		Drying procedure: Procedure B and
		Restoration procedure: Procedures 1 and 2
		CAN/CGSB-4.2 No. 58-2019
		< Excluding the following >
		Cl. 4.2.1
		BS EN ISO 3759: 2011
		ISO 3759: 2011
		(for the above two standards using the following
		standards for specimen treatment:
		BS EN ISO 6330: 2012
		< Excluding the following >
		Cl. 5.1.2, 5.1.3, 5.2.2, 5.2.3, 6.1.2, 6.1.4 and 6.1.5
		BS EN ISO 6330: 2021
		< Excluding the following >
		Cl. 5.1.2, 5.1.3, 5.2.2, 5.2.3, 6.1.2, 6.1.4, 6.1.5 and 6.1.7 ISO 6330: 2012
		< Excluding the following >
		Cl. 5.1.2, 5.1.3, 5.2.2, 5.2.3, 6.1.2, 6.1.4, 6.1.5
		ISO 6330: 2021
		<pre><excluding following="" the=""></excluding></pre>
		Cl. 5.1.2, 5.1.3, 5.2.2, 5.2.3, 6.1.2, 6.1.4, 6.1.5 and 6.1.7
		BS EN ISO 3175-2: 2010
		< Excluding the following >
		Cl. 8.1.9 Method E
		ISO 3175-2: 2010
		< Excluding the following >
		Cl. 8.1.9 Method E
		BS EN ISO 6330: 2001 + A1: 2009
		ISO 6330: 2000 + A1: 2008



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Care performance tests :- (cont'd)	
General textiles and garments	- Dimensional stability to steaming	BS 4323: 1979
		ISO 3005: 1978
	- Dimensional stability to heating for linings in	BS 4560: 1990 App. B
	uniform clothing	Бо 4000. Гузотар. Б
	- Relaxation and felting shrinkage	WOOLMARK TWC-TM 31-2009
	- Wash and wear performance	AATCC TM88B-2018te
		AATCC TM88C-2018te
		AATCC TM124-2018te
		AATCC TM143-2018te



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
General textiles and garments	Chemical analysis :- - Extractable content	ASTM D2257 - 20
Wool and other fibers	- Extractable content	ASTM D1574 - 22
Cotton	- Determination of oils, fats and waxes	BS 3477: 1962
General textiles and garments 一般紡織品及成衣	- Free formaldehyde content 游離水解甲醛含量	JIS L1096-2010 (based on English Edition published in 2012-10) Section 8.36 Method A & B JIS L1041-2011 (based on English Edition published in 2013-12) Section 8.1.3 Method A, 8.1.4 Method B and Annex JE BS EN ISO 14184-1: 2011 EN ISO 14184-1: 2011 ISO 14184-1: 2011 GB/T 2912.1-2009 SASO-ISO-14184-1-2014
	- pH value pH 值	AATCC TM81-2022 BS EN ISO 3071: 2020 EN ISO 3071: 2020 ISO 3071: 2020 BS EN 1413: 1998 GB/T 7573-2009 SASO-ISO-3071-2022
	- Released formaldehyde content 釋放甲醛含量	AATCC TM112-2020 BS EN ISO 14184-2: 2011 EN ISO 14184-2: 2011 ISO 14184-2: 2011 GB/T 2912.2-2009 SASO-ISO-14184-2-2014
	- Total and free formaldehyde content	BS 6806: 2002



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Colour fastness tests :-	
General textiles and garments	- Acid spotting	AATCC TM6-2021
一般紡織品及成衣	耐酸斑色牢度	< Excluding the following >
		instrumental assessment of change in color
		AS 2001.4.12-1981 Rec:2016
		BS 1006: 1990 part E05
		BS EN ISO 105-E05: 2010
		DIN EN ISO 105-E05: 2010
		ISO 105-E05: 2010
		GB/T 5715-2013
		< Excluding the following >
		for the above four standards
		instrumental assessment of change in color
		JIS L0851-2013 (based on English Edition published in
		2014-08)
		< Excluding the following >
		instrumental assessment of change in color
	- Alkaline spotting	AATCC TM6-2021
	耐鹼斑色牢度	< Excluding the following >
		instrumental assessment of change in color
		BS 1006: 1990 part E06
		AS 2001.4.9-1981
		BS EN ISO 105-E06: 2006
		DIN EN ISO 105-E06: 2006
		ISO 105-E06: 2006
		GB/T 5716-2013
		< Excluding the following >
		for the above four standards
		instrumental assessment of change in color
	- Bleaching with hypochlorite	AS 2001.4.11-1982 Rec:2016
	耐漂白色牢度	BS 1006: 1990 part N01
		BS EN 20105-N01: 1995
		ISO 105-N01: 1993
		JIS L0856-2002 (based on English Edition published in
		2003-08)
		GB/T 7069: 1997



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	行走测试或重度的特性	税••• 保华力法 或應用 技術
	Colour fastness tests :- (cont'd)	
General textiles and garments	- Chlorinated water	AATCC TM162-2011e2
一般紡織品及成衣	耐氯化水色牢度	< Excluding the following >
		Cl. 7.1 Option 1 and 8.2 Option 1, instrumental assessment
		of change in color AS/NZS 2001.4.5:1998 Rec:2016
		BS 1006 : 1990 part E03
		BS 1006 UK-TK: 1985
		CAN/CGSB-4.2 No. 52.2-98
		JIS L0884-1996 (based on English Edition published in
		1996-07)
		BS EN ISO 105-E03: 2010
		ISO 105-E03: 2010
		GB/T 8433: 2013
		< Excluding the following >
		for the above three standards
		instrumental assessment of change in color
	- Dry cleaning	AATCC TM132-2004e3(2013)e3
	耐乾洗色牢度	BS EN ISO 105-D01: 2010
		DIN EN ISO 105-D01: 2010
		ISO 105-D01: 2010
		SASO-ISO-105-D01-2014
		GB/T 5711-2015
		< Excluding the following >
		for the above six standards
		instrumental assessment of change in color & staining
		AS 2001.4.16-1981 Rec:2016
		BS 1006: 1990 Part D01
		CAN/CGSB-4.2 No. 29.1-M89
		JIS L0860-2020 (based on English Edition published in
		2021-02) Method A
		< Excluding the following >
		instrumental assessment of change in color & staining
	- Dryheat	AATCC TM117-2019
	耐乾熱色牢度	< Excluding the following >
		instrumental assessment of change in color & staining
		BS 1006: 1990 Part P01
		BS EN ISO 105-P01: 1995
		ISO 105-P01: 1993
		JIS L0879-2005 (based on English Edition published in
		2005-08)
		GB/T 5718-1997



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
General textiles and garments 一般紡織品及成衣	Colour fastness tests :- (cont'd) - Hot pressing 耐熱壓色牢度	AATCC TM133-2020e < <i>Excluding the following</i> > instrumental assessment of change in color & staining AS 2001.4.6-1990 Rec:2016 BS 1006: 1990 Part X11 BS EN ISO 105-X11: 1996 DIN EN ISO 105-X11: 1996 ISO 105-X11: 1994 CAN/CGSB-4.2 No. 31-2004 (R2013) GB/T 6152: 1997 JIS L0850-2015 (based on English Edition published in 2016-04) < <i>Excluding the following</i> > instrumental assessment of change in color & staining
	- Light (detection of photochromism)	BS EN ISO 105-B05: 1996 ISO 105-B05: 1993
	- Light (xenon arc lamp tester) 耐人造光色牢度	AATCC TM16.3-2020 Option 3 < <i>Excluding the following</i> > instrumental assessment of change in color BS 1006 B02: 1990 Method 2 BS EN ISO 105-B02: 2014 Method 2 Exposure Cycle A1 DIN EN ISO 105-B02: 2014 Method 2 Exposure Cycle A1 ISO 105-B02: 2014 Method 2 Exposure Cycle A1 CAN/CGSB-4.2 No.18.3- 97 (R2010) Method 2 WOOLMARK TWC-TM5-2008 JIS L0843-1998 (based on English Edition published in 1999-10) AS 2001.4 B02-2001 Rec:2016 Method 2 GB/T 8427-2019 Method 3 < <i>Excluding the following</i> > instrumental assessment of change in color
	- Non-chlorine bleach (soaking test)	In-house Method SLHK-T-TMDF25-2018



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Textiles and Garments 紡織品及成衣		
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	Colour fastness tests :- (cont'd)	
		A ATCC TM15 2021-
General textiles and garments	- Perspiration	AATCC TM15-2021e
一般紡織品及成衣	汗液堅牢度	BS EN ISO 105-E04: 2013
		DIN EN ISO 105-E04: 2013
		ISO 105-E04: 2013
		GB/T 3922-2013
		< Excluding the following >
		for the above five standards
		instrumental assessment of change in color & staining
		AS 2001.4 E04-2005 Rec:2016
		BS 1006: 1990 Part E04
		CAN/CGSB-4.2 No.23-M90 (R2013)
		WOOLMARK TWC-TM 174-2009 (Alkaline test)
		JIS L0848-2004 (based on English Edition published in
		2004-10)
	- Rubbing/Crocking	AATCC TM8-2016e(2022)e
	磨擦堅牢度	< Excluding the following >
		instrumental assessment of staining
		BS EN ISO 105-X12: 2016
		DIN EN ISO 105-X12: 2016
		ISO 105-X12: 2016
		AS 2001.4.3-1995 Rec:2016
		BS 1006: 1990 Part X12
		CAN/CGSB-4.2 No. 22: 2004 (R2013)
		WOOLMARK TWC-TM 165-2009
		GB/T 3920-2008
		SASO-ISO-105-X12-2005
		JIS L0849-2013 (based on English Edition published in
		2013-08)
		<pre><excluding following="" the=""></excluding></pre>
		instrumental assessment of staining
		instantental assessment of stanting
	- Rubbing/Crocking (Rotary vertical	AATCC TM116-2018e(2022)e
	crockmeter)	< Excluding the following >
	, ,	instrumental assessment of staining
		BS EN ISO 105-X16: 2016
		DIN EN ISO 105-X16: 2016
		ISO 105-X16: 2016
		I



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Other materials - Leather	Colour fastness tests :- (cont'd) - Rubbing	DIN EN ISO 11640: 2018 BS EN ISO 11640: 2018 EN ISO 11640: 2018 ISO 11640: 2018 IULTCS/IUF 450: 2018 < <i>Excluding the following &gt;</i> for the above five standards instrumental assessment of change in color & staining
Specific Products - Footwear	- Rubbing	Satra test method TM8-2004 < <i>Excluding the following</i> > Procedures 6.4, 6.5 and 6.6
- Textile floor covering	- Rubbing/Crocking	AATCC TM165-1999e10(2021)e < <i>Excluding the following</i> > instrumental assessment of staining
General textiles and garments 一般紡織品及成衣	- Saliva 耐唾液堅牢度	GB/T 18886-2019 < <i>Excluding the following</i> > instrumental assessment of change in color & staining
	- Saliva and perspiration	DIN 53160-1: 2010 DIN 53160-2: 2010
	- Sea water 耐海水色牢度	AATCC TM106-2009e(2013)e3 BS EN ISO 105-E02: 2013 DIN EN ISO 105-E02: 2013 ISO 105-E02: 2013 GB/T 5714: 2019 < <i>Excluding the following</i> > for the above five standards instrumental assessment of change in color & staining AS 2001.4 E02-2001 Rec:2016 BS 1006: 1990 Part E02 CAN/CGSB-4.2 No. 21-M90 (R2013) JIS L0847-2004 (based on English Edition published in 2004-10)



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	Colour fastness tests :- (cont'd)	
General textiles and garments	- Washing (full temperature range)	BS 1006 1990 Part C01
一般紡織品及成衣	耐洗色牢度	BS 1006 1990 Part C02
		BS 1006 1990 Part C03
		BS 1006 1990 Part C04
		BS 1006 1990 Part C05
		BS 1006: 1990 Part C06
		AS 2001.4.15-2006 Rec:2016
		CAN/CGSB-4.2 No. 19.1: 2004 (R2013)
		WOOLMARK TWC-TM 193-2009
		WOOLMARK TWC-TM 250-2009
		JIS L0844-2011 (based on English Edition published in
		2013-01)
		< Excluding the following >
		Cl. 4 Classification of test, Method E and Annex C
	- Accelerated laundering:	AATCC TM61-2013e(2020)e2
		< Excluding the following >
		instrumental assessment of change in color & staining
	- Domestic and commercial laundering	SASO-ISO-105-C06-2014
		GB/T 12490: 2014
		BS EN ISO 105-C06: 2010
		DIN EN ISO 105-C06: 2010
		ISO 105-C06: 2010
		< Excluding the following >
		for the above five standards
		instrumental assessment of change in color & staining
	- Domestic and commercial laundering	DIN EN ISO 105-C08: 2010
	(using a non-phosphate reference	BS EN ISO 105-C08: 2010
	detergent incorporating a low temperature	ISO 105-C08: 2010
	bleach activator)	< Excluding the following >
		for the above three standards
		instrumental assessment of change in color & staining
	- Washing with soap or soap and soda	GB/T 3921: 2008
		SASO-ISO-105-C10: 2014
		BS EN ISO 105-C10: 2007
		ISO 105-C10: 2006
		< Excluding the following >
		For the above four standards
		instrumental assessment of change in color & staining



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ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	村龙冽武以里及的村住	<u> </u>
General textiles and garments	Colour fastness tests :- (cont'd) - Water	AATCC TM107-2022e
一般紡織品及成衣	耐水堅牢度	BS EN ISO 105-E01: 2013 DIN EN ISO 105-E01: 2013 ISO 105-E01: 2013
		GB/T 5713-2013 < <i>Excluding the following</i> > for the above five standards
		instrumental assessment of change in color & staining AS 2001.4 E01-2001 Rec:2016 BS 1006: 1990 Part E01
		CAN/CGSB-4.2 No. 20-M89 (R2013) WOOLMARK TWC-TM 6-2009 JIS L0846-2004 (based on English Edition published in
		2004-10)
General textiles and garments	- Water spotting	AATCC TM104-2010(2014)e2
一般紡織品及成衣	耐水斑色牢度	BS EN ISO 105-E07: 2010
		DIN EN ISO 105-E07: 2010
		ISO 105-E07: 2010
		GB/T 5717-2013
		< Excluding the following >
		for the above five standards
		instrumental assessment of change in color
		AS/NZS 2001.4.4-1998 Rec:2016
		BS 1006: 1990 Part E07
		JIS L0853-1975 (based on English Edition published in
		1975-03)



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ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Construction tests :-	
General textiles and garments	- Distortion in bowed and skewed fabrics	ASTM D3882 - 08(2020)
-		BS 2819: 1990 + A2: 2016
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.12 Method A
	- Fabric weight	ASTM D3776 / D3776M - 20
		ASTM D3887 - 96(2008) Section 9
		BS 2471: 2005
		CAN/CGSB-4.2 No. 5.1-M90
		ISO 3801: 1977
		WOOLMARK TWC-TM 13-2009
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.3 Method A
		AS 2001.2.13-1987 Rec:2016
		BS EN 12127: 1998
		EN 12127: 1998
	- Fabric width	ASTM D3774 - 18 Option B
		ASTM D3887 - 96(2008) Section 10
		BS EN 1773: 1997
		EN 1773: 1996
		CAN/CGSB-4.2 No. 4.1-2008
		ISO 22198: 2006
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.2.1 Method A
		AS 2001.2.12-1987 Rec:2016
	- Terry ratio	EN 14697: 2005 Annex C



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Commuter the set of th	Construction tests :- (cont'd)	A C 2001 2 5 1001 D 2016 T+ C
General textiles and garments	- Threads per unit length, woven	AS 2001.2.5-1991 Rec:2016 Test C
		ASTM D3775 - 17e1 CAN/CGSB-4.2 No. 6-M89
		ISO 7211-2: 1984 Methods A, B and C
		JIS L1096-2010 (based on English Edition published in 2012-10) Section 8.6.1 Method A
		BS EN 1049-2: 1994
		EN 1049-2: 1993
	- Twist of yarn	ASTM D1422 / D1422M - 13(2020)
		ASTM D1423 / D1423M - 16(2022)
		BS EN ISO 2061: 2015
		EN ISO 2061: 2015
		ISO 2061: 2015
		CAN/CGSB-4.2 Nos. 8.1-M89
		CAN/CGSB-4.2 Nos. 8.2-M89
		ISO 7211-4: 1984
		AS 2001.2.14-1987 Rec:2016
	- Weft knit, Stitch density	AS 2001.2.6-2001 Rec:2016 Test C
	wort kind, Sitten density	ASTM D3887 - 96(2008) Section 12
		BS 5441: 1988 + A1: 2019 Section 2 Cl. 9
		CAN/CGSB-4.2 No. 7-M88
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.6.2
	Var lin and desiden	
	<ul><li>Yarn linear density:</li><li>a) woven and weft knit fabric</li></ul>	ASTM D1059 - 17
		BS ISO 7211-5: 2020
		ISO 7211-5: 2020
		BS EN 14970: 2006
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.9.1.1 (a) Method A & 8.9.1.1 (b)
	b) yarn in skein form	AS 2001.2.23 - 1990 Rec:2016
	o yanı in skem torili	ASTM D1907 / D1907M - 12(2018) Option 1
		CAN/CGSB-4.2 No. 5.2-M87
		BS EN ISO 2060: 1995
		EN ISO 2000: 1995
		ISO 2000: 1993
		150 2000. 1224



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Buttons and other detachable components of children's garment and bedding	Construction tests :- (cont'd) - Sharp point in articles intended for use by children under 8 years of age	US 16 CFR 1500.48
	- Sharp metal or glass edge in articles intended for use by children under 8 years of age	US 16 CFR 1500.49
	- Test methods for simulating use and abuse of other articles intended for use by children:	US 16 CFR 1500.50, 1500.51(b), (e), (f), (g) and 1500.52(b), (e), (f), (g) and 1500.53(b), (e), (f), (g)
	<ul><li>a) impact test</li><li>b) torque test</li><li>c) tension test</li><li>d) compression test</li></ul>	
Children's upper outwear	- Measurement of drawstrings	ASTM F1816 - 18
兒童上衣	拉帶安全規格	GB/T 22702-2019
Children's clothing 童装	- Measurement of cords and drawstrings 繩索和拉帶安全要求	NF EN 14682: 2015 DIN EN 14682: 2014 EN 14682:2014 CNS 15291 - 2019 GB/T 22705-2019



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	Fabric performance tests : -	
General textiles and garments	- Air permeability	ASTM D737 - 18
		BS EN ISO 9237: 1995
		DIN EN ISO 9237: 1995
		ISO 9237: 1995
	- Abrasion resistance	
	a) Martindale tester	AS 2001.2.25.2 2006 Rec:2016
		ASTM D4966 - 22
		WOOLMARK TWC-TM 112-2009
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.19.5 Method E
		BS EN ISO 12947-2: 2016
	b) Stoll flat abrasion tester	AS 2001.2.27-1990 Rec:2016
	,	ASTM D3886 - 22
	c) Flex abrasion tester	AS 2001.2.26-1990 Rec:2016
	c) they abrasion tester	ASTM D3885 - 07a(2019)e1
		JIS L1096-2010 (based on English Edition published in 2012-10) Section 8.19.1 Method A2
	d) Taber abrasion tester	ASTM D3884 - 09(2017)
		ASTM D4685 / D4685M - 15(2020)
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.19.3 Method C 3.1 (loss in mass)
		and 3.4 (change in appearance)
	- Fabric stiffness by circular bend procedure	ASTM D4032 - 08(2016)
	- Drying time of textiles	AATCC TM199-2013e(2018)e2
	- Drying rate of fabrics	AATCC TM201-2012(2014)e3
	- Liquid moisture management properties	AATCC TM195-2011e2(2017)e4
	of textile fabrics	



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General textiles and garments	Fabric performance tests : - (cont'd) - Penetration resistance of cloth to feather and down material	In-house Method SLHK-T-TMDP07-2006
	- Penetration resistance of cloth to filling material	In-house Method SLHK-T-TMDP13-2006
	- Penetration resistance of garment to passage of polyfill fibre, feathers and down	In-house Method SLHK-T-TMDB23-2016
	- Measurement of thermal and water vapour resistance test	BS EN ISO 11092: 2014 ISO 11092: 2014
	- Moisture content/moisture regain	ASTM D2654 - 22 Procedure 1
	- Pilling resistance a) Pilling box method	CAN/CGSB-4.2 No. 51.1-M95 WOOLMARK TWC-TM 152-2009 BS EN ISO 12945-1: 2020 in conjunction with BS EN ISO 12945-4: 2020 EN ISO 12945-1: 2020 in conjunction with EN ISO 12945-4: 2020 ISO 12945-1: 2020 in conjunction with ISO 12945-4: 2020
	b) Random tumbler tester	ASTM D3512 / D3512M - 22 CAN/CGSB-4.2 No. 51.2-M87
	c) Elastomeric pilling	ASTM D3514 / D3514M - 16(2020)
	d) Martindale abrasion tester	BS EN ISO 12945-2: 2020 in conjunction with BS EN ISO 12945-4: 2020 ISO 12945-2: 2020 in conjunction with ISO 12945-4: 2020
	- Rain test	ISO 22958: 2005
	- Soil release performance	AATCC TM130-2018t
	- Solar UV Protective Properties	AATCC TM183-2020e AS 4399: 2020 BS EN 13758-1: 2002 + A1: 2007 BS EN 13758-2: 2003 + A1: 2007


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	村 人 测 訊 或 里 及 的 特 性	<b> </b>
	Fabria parformana tasta (acut'd)	
Concerci toutiles and comments	Fabric performance tests : - (cont'd) - Stretch & recovery	ASTM D2594 - 21
General textiles and garments	- Stretch & lecovery	ASTM D2394 - 21 ASTM D3107 - 07(2019)
		ASTM D5107 - 07(2019) ASTM D4964 - 96(2020)
		ASTM D4964 - 96(2020) BS EN 14704-1: 2005
		EN 14704-1: 2005
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.16 Method B
	- Vertical wicking tests	AATCC TM197-2022
	- Water repellency (spray rating)	AATCC TM22-2017e
	(and repencies (spray rating)	ISO 4920: 2012
		JIS L1092-2009 (based on English Edition published in
		2009-08) Section 7.2
		AS 2001.2.16-1987 Rec:2016
		CAN/CGSB-4.2 No. 26.2-1994
		CAN/COSD-4.2 NO. 20.2-1/)+
	- Water resistance (rain test)	AATCC TM35-2018e2
	- Water resistance (hydrostatic pressure test)	AATCC TM127-2017(2018)e Option 2
	······································	CAN/CGSB-4.2 No. 26.3-2010
		ISO 811: 2018
		JIS L1092-2009 (based on English Edition published in
		2009-08) Section 7.1 Method A
		, ,
	- Water resistance (impact penetration test)	AATCC TM42-2017e
	- Wrinkle recovery by recovery angle method	AATCC TM66-2017e2 Option 2
		CAN/CGSB-4.2 No. 45-M88
		ISO 2313-1: 2021
Coated fabric	- Weathering resistance	BS EN ISO 4892-2: 2013
		EN ISO 4892-2: 2013
		ISO 4892-2: 2013
		< Excluding the following >
		for the above three standards
		Cl. 7.5



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	Performance tests : -	
Specific Products - Protective apparel and drapes intended for use in health care facilities	Performance tests : Impact penetration and hydrostatic pressure	ANSI / AAMI PB70:2012 CI 5.2.1.1b and 5.2.1.2 in conjunction with AATCC TM42-2017e and AATCC TM127-2017(2018)e < <b>Excluding the following &gt;</b> Determination of level classifications



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	Feather and down analysis :-	
General textiles and garments - Feather and down	- Components in plumage	AS 4823.3-2006 ASTM D4524 - 20
羽毛和羽绒		BS EN 12131: 2018
11.01-11.04		EN 12131: 2018
		CAN/CGSB-139.2-M86
	- Down-proof rubbing test	BS EN 12132-1: 1999
		EN 12132-1: 1999
	- Filling power	BS EN 12130: 2018
		EN 12130: 2018
		Quality Feather & Down Testing Corp.
		Industry Filling Power Test Method
	- Net weight of filling	In-house Method SLHK-T-TMDB13-2006
	- Oxygen number	BS EN 1162: 1997
		EN 1162: 1996
	- Turbidity	BS EN 1164: 1999
		EN 1164: 1998
	- Moisture content	BS EN 1161: 1997
		EN 1161: 1996
	- Testing methods for down and feather	GB/T 10288-2016
	羽毛和羽绒檢驗方法	< <i>Excluding the following</i> > C1. 5.9



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ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
	特定測試或量度的特性	規範、標準方法或應用技術
	Fibre analysis :-	
General textiles and garments	- Fibre content	AATCC TM20-2021
	(qualitative method)	<excluding following="" the=""></excluding>
		Tests for R.I., M.P., S.G., Glass Fibre and Stain
	- Fibre content	AATCC TM20A-2021e
	(quantitative method - mechanical	BS 4407: 1988
	separation and chemical analysis)	< Excluding the following >
	separation and enemiear analysis)	Methods 12, 13, 17 and 18
		CAN/CGSB-4.2 No. 14-2005
		WOOLMARK TWC-TM 155-2009
		AS 2001.7-2005 Rec:2016
		<pre><excluding following="" the=""></excluding></pre>
		Methods 13, 17 and 18
		Regulation (EU) no 1007/2011
		SASO-ISO-1833-1994
		< Excluding the following >
		Methods 14 and 18
		BS EN ISO 1833-1: 2020
		EN ISO 1833-1: 2020
		ISO 1833-1: 2020
		(Note: The above Part 1 standard should be used in
		conjunction with other parts of BS EN ISO 1833
		or ISO 1833, as appropriate, for particular fibre mixtures BS EN ISO 1833-2: 2020
		EN ISO 1833-2: 2020
		ISO 1833-2: 2020
		BS EN ISO 1833-3: 2020 EN ISO 1833-3: 2020
		ISO 1833-3: 2020
		BS EN ISO 1833-4: 2023
		EN ISO 1833-4: 2023
		ISO 1833-4: 2023
		BS EN ISO 1833-5: 2010
		EN ISO 1833-5: 2010
		ISO 1833-5: 2006
		BS EN ISO 1833-6: 2019
		EN ISO 1833-6: 2019
		ISO 1833-6: 2018
		BS EN ISO 1833-7: 2017
		EN ISO 1833-7: 2017
		ISO 1833-7: 2017



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ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
闪矾风里及溴口	特定測試或量度的特性	規範、標準方法或應用技術
	Fibre analysis :- (cont'd)	
General textiles and garments	- Fibre content (cont'd)	BS EN ISO 1833-8: 2010
	(quantitative method - mechanical	EN ISO 1833-8: 2010
	separation and chemical analysis) (cont'd)	ISO 1833-8: 2006
		BS EN ISO 1833-9: 2019
		EN ISO 1833-9: 2019
		ISO 1833-9: 2019
		BS EN ISO 1833-10: 2019
		EN ISO 1833-10: 2019
		ISO 1833-10: 2019
		BS EN ISO 1833-11: 2017
		EN ISO 1833-11: 2017
		ISO 1833-11: 2017
		BS EN ISO 1833-12: 2020
		EN ISO 1833-12: 2020
		ISO 1833-12: 2020
		BS EN ISO 1833-13: 2019
		EN ISO 1833-13: 2019
		ISO 1833-13: 2019
		BS EN ISO 1833-14: 2019
		EN ISO 1833-14: 2019
		ISO 1833-14: 2019
		BS EN ISO 1833-16: 2019
		EN ISO 1833-16: 2019
		ISO 1833-16: 2019
		BS EN ISO 1833-17: 2020
		EN ISO 1833-17: 2020
		ISO 1833-17: 2019
		BS EN ISO 1833-18: 2020
		EN ISO 1833-18: 2020
		ISO 1833-18: 2020



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SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性 Fibre analysis :- (cont'd) - Fibre content (cont'd) (quantitative method - mechanical separation and chemical analysis) 纖維含量《機械分離及化學分析》	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術 GB/T 2910.1-2009 GB/T 2910.2-2009 GB/T 2910.3-2009 GB/T 2910.4-2022 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009 GB/T 2910.9-2009
<ul> <li>Fibre content (cont'd)</li> <li>(quantitative method - mechanical separation and chemical analysis)</li> </ul>	GB/T 2910.2-2009 GB/T 2910.3-2009 GB/T 2910.4-2022 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
<ul> <li>Fibre content (cont'd)</li> <li>(quantitative method - mechanical separation and chemical analysis)</li> </ul>	GB/T 2910.2-2009 GB/T 2910.3-2009 GB/T 2910.4-2022 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
(quantitative method - mechanical separation and chemical analysis)	GB/T 2910.2-2009 GB/T 2910.3-2009 GB/T 2910.4-2022 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
separation and chemical analysis)	GB/T 2910.3-2009 GB/T 2910.4-2022 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
	GB/T 2910.4-2022 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
颯 碑 召 里 ℳ 依 (帆 刀 離 及 1 し 子 万 村 ∥	GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
	GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009
	GB/T 2910.7-2009 GB/T 2910.8-2009
	GB/T 2910.8-2009
	GB/1 2910.9-2009
	GD 75 2010 10 2000
	GB/T 2910.10-2009
	GB/T 2910.11-2009
	GB/T 2910.12-2009
	GB/T 2910.13-2009
	GB/T 2910.14-2009
	GB/T 2910.16-2009
	GB/T 2910.17-2009
	GB/T 2910.18-2009
- Fibre content (quantitative method - microscopic analysis)	AATCC TM20A-2021
- Fibre diameter	ISO 137: 2015
(animal fibres, yarn and fabric only)	ASTM D2130 - 22
	IWTO -8-2011
- Degree of mercerization of cotton fibre	
-	Textile Laboratory Manual,
- deconvolution count	W. Garner (1966) Vol. 5, Chapter 2.
	Analytical Method, I(c), Pg. 65-66
b) barium activity number method	AATCC TM89-2019
,	< Excluding the following >
	Near infrared (NIR) spectroscopy
- Water-alkali-soluble additives in cellulosic	BS 4032: 1978
or synthetic textiles or textiles made from blends of such fibres	
- Dichloromethane soluble matter in textiles	WOOLMARK TWC-TM 136-2009
- Absorbency of textile	AATCC TM79-2010e2(2018)e3 Option A
	<ul> <li>(quantitative method - microscopic analysis)</li> <li>Fibre diameter (animal fibres, yarn and fabric only)</li> <li>Degree of mercerization of cotton fibre a) microscopical method - deconvolution count</li> <li>b) barium activity number method</li> <li>Water-alkali-soluble additives in cellulosic or synthetic textiles or textiles made from blends of such fibres</li> </ul>



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Textiles and Garments 紡織品及成衣		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
General textiles and garments	Flammability tests :- - 45 degree angle test	ASTM D1230 – 22a CAN/CGSB-4.2 No. 27.5-2023 US 16 CFR Part 1610
	- Surface flash test	In-house Method Marks & Spencer Test method P117 (May 2003)
	- Vertical test	AS/NZS 1249: 2014 + Amdt 1:2014 + Amdt 2:2017 AS/NZS 1249: 2003 US 16 CFR Parts 1615 and 1616 (DOC FF 3 & 5) US Fed. Std. No. 191a, Method 5903-1978 BS 5438: 1976 BS 5722: 1984 BS 5651: 1978 Cl. 6.5.2 ISO 6941: 1984 + A1: 1992 ISO 6941: 2003 EN 14878: 2007/AC:2009 EN 1103: 2005 <i>&lt; Excluding the following &gt;</i> Dry clean method ISO 10047: 1993 In-house Method Marks & Spencer Test Method P116 (Aug 2006)
Other Materials- - Vinyl plastic film	- Flammability of vinyl plastic film	US 16 CFR Part 1611



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	Flammability tests :- (cont'd)	
Specific Products	•	
- Bed covers and pillows	- Ignitability by cigarette test	BS EN ISO 12952-1: 2010
r in the second s	8 , . , . , . ,	EN ISO 12952-1: 2010
		ISO 12952-1: 2010
		< Excluding the following >
		for the above three standards
		Dry clean method (ISO 3175-3)
- Blanket	- Horizontal test	ASTM D 4151 - 23
- Curtains and drapes	- Vertical test	EN 1102: 1995
		EN 1102: 2016
- Carpet and rugs	- Methenamine tablet test	CAN/CGSB-4.2 No. 27.6-2015
		US 16 CFR Part 1630 (DOCFF 1)
		US 16 CFR Part 1631 (DOCFF 2)
- Camping tentage material	- Methenamine tablet and vertical test	US IFAI (Industrial Fabric Association International), CPAI-84 (1995)
		CFAI-04 (1993)



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Specific Products	Flammability tests :- (cont'd)	
- Upholstered composites for seating including the following materials :	- Ignitability by smouldering and flaming ignition source	The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (Statutory Instrument 1988 No. 1324) with Amendments in 1989 (Statutory Instrument 1989 No. 2358) and in 1993 (Statutory Instrument 1993 No. 207) and in 2010 (Statutory Instrument 2010 No. 2205)
a) polyurethane foam in slab or cushion form		Schedule 1 Part I using test method BS 5852: Part 2: 1982 (Ignition Source 5)
b) non-foam filling materials singly		Schedule 2 Part I using test method BS 5852: Part 2: 1982 (Ignition Source 2)
c) pillows and cushions with primary covers		Schedule 2 Part III using test method BS 5852: Part 2: 1982 (Ignition Source 2)
d) interliner		Schedule 3 using test method BS 5852: Part 2: 1982 (Ignition Source 5)
e) visible part of upholstery		Schedule 4 Part I using test method BS 5852: Part 1: 1979 (Cigarette test)
f) non-visible part of upholstery		Schedule 4 Part II using test method BS 5852: Part 1: 1979 (Cigarette test)
g) visible cover		Schedule 5 Part I using test method BS 5852: Part 1: 1979 (Ignition Source 1)
h) non-visible cover		Schedule 5 Part III using test method BS 5852: Part 1: 1979 (Ignition Source 1)



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Specific Products	Flammability tests :- (cont'd)	
- Upholstered furniture	- Ignitability by smouldering and flaming ignition source	EN 1021-1: 2014 EN 1021-2: 2014
	- Cigarette test	California Technical Bulletin 116 - 2019 State of California, Department of Consumer Affairs, Bureau of Home Furnishings and Thermal Insulation
- Materials used in upholstered furniture 軟體傢具	- Cigarette test 香烟測試	GB 17927.1-2011
- Materials used in upholstered furniture		California Technical Bulletin 117 – 2013 State of California, Department of Consumer Affairs, Bureau of Electronic & Appliance Repair Home Furnishings and Thermal Insulation
	- Cover fabric test	Section 1
	- Barrier materials test	Section 2
	- Resilient filling material test	Section 3
	- Decking material test	Section 4



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	Strength tests :-	
General textiles and garments	- Bursting strength	BS EN ISO 13938-2: 2019
Conortal terranes and gaments		EN ISO 13938-2: 2019
		ISO 13938-2: 2019
	- Bursting strength by diaphragm bursting	ASTM D3786 / D3786M - 18
	method	CAN/CGSB-4.2 No. 11.1-1994
		WOOLMARK TWC-TM 29-2009
	- Pocket reinforcement	ASTM D7506 / D7506M - 17(2021)
	- Seam slippage	ASTM D434 - 95
		BS EN ISO 13936-1: 2004
		EN ISO 13936-1: 2004
		ISO 13936-1: 2004
		BS EN ISO 13936-2: 2004
		EN ISO 13936-2: 2004
		ISO 13936-2: 2004
	- Seam strength	ASTM D1683 / D1683M - 22
		BS EN ISO 13935-2: 2014
		EN ISO 13935-2: 2014
		ISO 13935-2: 2014
	- Tearing strength by Single rip tear method	ASTM D2261-13(2017)e1
		BS EN ISO 13937-2: 2000
		EN ISO 13937-2: 2000
		ISO 13937-2: 2000
	- Tearing strength by Tongue tear (wing-rip)	ISO 13937-3: 2000
	method	EN ISO 13937-3: 2000
		BS EN ISO 13937-3: 2000



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	Strength tests :- (cont'd)	
General textiles and garments	- Tensile strength	AS 2001.2.3.1-2001 Rec:2016
General textiles and garments	- Tensne suengui	AS 2001.2.3.1-2001 Rec:2016
		CAN/CGSB-4.2 No.9.1-M90
		CAN/CGSB-4.2 No.9.1-M90 CAN/CGSB-4.2 No.9.2-M90
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.14.1
		ASTM D5034 - 21
		ASTM D5035 - 11(2019)
		BS EN ISO 13934-1: 2013
		EN ISO 13934-1: 2013
		ISO 13934-1: 2013
		BS EN ISO 13934-2: 2014
		EN ISO 13934-2: 2014
		ISO 13934-2: 2014
		SASO-ISO-13934-1-2003
	- Tearing strength (Elmendorf)	AS 2001.2.8-2001 Rec:2016
		ASTM D1424 - 21
		CAN/CGSB-4.2 No .12.3-2005
		JIS L1096-2010 (based on English Edition published in
		2012-10) Section 8.17.4 Method D
		BS EN ISO 13937-1: 2000
		EN ISO 13937-1: 2000
		ISO 13937-1: 2000
	- Single thread strength	AS 2001.2.7-1987 Rec:2016
	Single thread strength	ASTM D2256 / D2256M - 21
		CAN/CGSB-4.2 No. 9.4-M91
		BS EN ISO 2062: 2009
		EN ISO 2002: 2009 EN ISO 2002: 2009
		ISO 2002: 2009
		130 2002. 2009
Specific Products		
- Zippers	- Zipper strength	BS 3084: 2006 Cl. 5
		AS 2332-2003
		ASTM D2061 - 07(2021)
		< Excluding the following >
		Section 33-42, 43-51, 82-91
		BS EN 16732-2015 Cl. 5



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Chemical tests :-	
All toys, children's product surface coating materials	- Migration of soluble elements antimony, arsenic, chromium, selenium, cadmium, mercury, barium, lead	BS EN 71-3: 1995 incorporating Amd. No 1 and Corr. No. 1 BS 5665-3: 1995 incorporating Amd. No 1 and Corr. No. 1 EN 71-3: 1994 + A1: 2000 & AC: 2002 NF EN 71-3: 1995 + A1: 2000
		ISO 8124-3: 2020 (for dewaxing: Method A) AS/NZS ISO 8124.3: 2003 AS/NZS ISO 8124.3: 2021 (for dewaxing: Method A)
	- 可遷移元素 鉛,鎘,汞,鉻,砷,鋇,硒,銻	GB 6675-2003 + A1: 2005 4.3 and 附錄 C
All toys 玩具	- Migration of the elements Lead, cadmium, mercury, chromium, arsenic, barium, selenium, antimony - 可遷移元素 鉛, 鎘, 汞, 鉻, 砷, 鋇, 硒, 銻	<ul> <li>GB 6675.1-2014</li> <li>Cl. 5.3.3, 5.3.4 and 5.3.5 (only for migration of elements for toy cosmetics)</li> <li><i>Test procedures for compliance testing:</i></li> <li>GB 6675.4-2014</li> </ul>
Plasticized materials of Toys 玩具中的塑化材料	- Phthalates: 鄰苯二甲酸酯 Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯 Di-(2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基)己酯 Benzyl Butyl Phthalate (BBP) 鄰苯二甲酸丁苄酯 Di-n-octyl phthalate (DnOP) 鄰苯二甲酸二正辛酯 Diisononyl phthalate (DINP) 鄰苯二甲酸二異壬酯 Diisodecyl phthalate (DIDP) 鄰苯二甲酸二異癸酯	GB 6675.1-2014 CI. 5.3.7 Test Procedures for Compliance testing: GB/T 22048-2015 Method A (Internal standard calibration)



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	Chemical tests :- (cont'd)	
Plasticized materials of Toys 玩具中的塑化材料	- Phthalates: 鄰苯二甲酸酯 Di-iso-Butyl Phthalate (DIBP) 鄰苯二甲酸二異丁酯 Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯 Di-(2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基)己酯 Benzyl Butyl Phthalate (BBP) 鄰苯二甲酸丁苄酯 Di-n-octyl phthalate (DIOP) 鄰苯二甲酸二正辛酯 Diisononyl phthalate (DINP) 鄰苯二甲酸二異壬酯 Diisodecyl phthalate (DIDP) 鄰苯二甲酸二異癸酯	GB/T 22048-2022 Method A (Internal standard calibration)
Toys	州、本一丁酸一共安酯 - Migration of certain elements	BS EN 71-3: 2019+A1:2021 EN 71-3: 2019+A1:2021
Category III toy materials: Scraped-off materials	Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc	Alternative method as documented in TC-093.TP (ICP-OES)
	Chromium (VI) Chromium (III) (by calculation)	Annex F (IC-ICP-MS)
	Organic Tin: Methyl tin, Dimethyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin	Annex G (GC-MS)



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Toys and Children's Products 玩具及兒童產品		
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	Chemical tests :- (cont'd)	
Toys	- Migration of certain elements	BS EN 71-3: 2019+A2:2024 EN 71-3: 2019+A2:2024
Category III toy materials: Scraped-off materials	Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc	Alternative method as documented in TC-093.TP (ICP-OES)
	Chromium (VI) Chromium (III) (by calculation)	Annex F (IC-ICP-MS)
	Organic Tin: Methyl tin, Dimethyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin	Annex G (GC-MS) <i>Excluding the following</i> Clause G4.1.3 and G4.1.4



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ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Chemical tests :- (cont'd)	
Tricycles intended for use by children 8 years or under – surface coatings	- Total lead content	ANSI Z315.1-2012 Cl. 4.1.1 in conjunction with CPSIA Sec. 101(f) and 16 CFR 1303 and ASTM F963-23 Cl. 4.3.5.2 <i>Test procedures for compliance testing:-</i> CPSC Test method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011
	- Soluble elements: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	Test procedures for compliance testing:- ASTM F963-23 Cl. 8.3.2 – 8.3.4
Tricycles intended for use by children 8 years or under – substrates	- Total lead content	ANSI Z315.1-2012 Cl. 4.1.1.1 in conjunction with CPSIA Sec. 101(a) <i>Test procedures for compliance testing:</i> - CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 <i>Accluding the following&gt;</i> XRF spectrometry CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012 <i>Accluding the following&gt;</i> XRF spectrometry XRF spectrometry



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	Chemical tests :- (cont'd) 化學測試:-	
Baby walking frame 嬰兒學步車	- Migration of the elements Lead, cadmium, mercury, chromium, arsenic, barium, selenium, antimony - 可遷移元素 鉛, 鎘, 汞, 鉻, 砷, 鋇, 硒, 銻	GB 14749-2006 Cl. 4.1.2 & 4.1.3 Test procedures for compliance testing:- GB 6675-2003 附錄 C
Child tricycle 兒童三輪車	- Migration of the elements Lead, cadmium, mercury, chromium, arsenic, barium, selenium, antimony - 可遷移元素 鉛, 鎘, 汞, 鉻, 砷, 鋇, 硒, 銻	GB 14747-2006 Cl. 4.1.1 Test procedures for compliance testing:- GB 6675-2003 附錄 C
Wheeled child conveyance 兒童推車	- Migration of the elements Lead, cadmium, mercury, chromium, arsenic, barium, selenium, antimony - 可遷移元素 站, 鎘, 汞, 銘, 砷, 鋇, 硒, 銻	GB 14748: 2006 Cl. 4.1.2 & 4.1.3 Test procedures for compliance testing:- GB 6675-2003 附錄 C



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	Chemical tests :- (cont'd)	
Toys – paint and similar		ASTM F963-23 Cl. 4.3.5.1 (1)
surface-coating materials	- Total lead content	Test procedures for compliance testing:-
surface-coating materials		CPSC Test method: CPSC-CH-E1003-09.1
		Standard Operating Procedure for Determining
		Lead (Pb) in Paint and Other Similar Surface
		Coatings, February 25, 2011
	- Migration of the elements	ASTM F963-23 Cl. 4.3.5.1 (2)
	Antimony, Arsenic, Barium, Cadmium,	Test procedures for compliance testing:-
	Chromium, Lead, Mercury, Selenium	ASTM F963-23 Cl. 8.3.2 – 8.3.4
Toys – substrate materials		ASTM F963-23 Cl. 4.3.5.2 (2) (a)
(not including children's jewelry)	- Total lead content	Test Procedures for Compliance testing:-
		CPSC Test Method: CPSC-CH-E1001-08.3
		Standard Operating Procedure for Determining
		Total Lead (Pb) in Children's Metal Products
		(Including Children's Metal Jewelry),
		November 15, 2012
		<excluding following="" the=""></excluding>
		XRF spectrometry
		CPSC Test Method: CPSC-CH-E1002-08.3
		Standard Operating Procedure for Determining
		Total Lead (Pb) in Non-Metal Children's
		Products, November 15, 2012
		<excluding following="" the=""></excluding>
		XRF spectrometry
	- Migration of the elements	ASTM F963-23 Cl. 4.3.5.2 (2) (b) & (c)
	Antimony, Arsenic, Barium, Cadmium,	Test procedures for compliance testing:-
	Chromium, Lead, Mercury, Selenium	ASTM F963-23 Cl. 8.3.5
Metallic toys or metallic toy	- Extractable Cadmium	ASTM F963-23 Cl. 4.3.5.2 (2) (d)
components (not including		Test Procedures for Compliance testing:-
children's jewelry)		ASTM F963-23 Cl. 8.3.5.5(3) and
		CPSC Test Method: CPSC-CH-E1004-11
		Standard Operating Procedure for Determining
		Cadmium (Cd) Extractability from Children's
		Metal Jewelry, February 03, 2011



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SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術 ASTM F963-23 Cl. 4.3.8 <i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 17, 2018 in conjunction with US 16 CFR 1109.21 (b ) & (c) for composite testing US Public Law 110 -314 Consumer Product Safety Improvement Act 2008
Test procedures for compliance testing:- CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 17, 2018 in conjunction with US 16 CFR 1109.21 (b ) & (c) for composite testing US Public Law 110 -314
Test procedures for compliance testing:- CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 17, 2018 in conjunction with US 16 CFR 1109.21 (b ) & (c) for composite testing US Public Law 110 -314
US 16 CFR Part 1303 <i>Test procedures for compliance testing:-</i> CPSC Test method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011
US Public Law 110 -314 Consumer Product Safety Improvement Act 2008 <i>Test Procedures for Compliance testing</i> : CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products
(Including Children's Metal Jewelry), November 15, 2012 < <i>Excluding the following</i> > XRF spectrometry
Test Procedures for Compliance testing: CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012 < <i>Excluding the following</i> > XRF spectrometry



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	Chemical tests :- (cont'd)	
Toys and child care articles	<ul> <li>Dibutyl Phthalate (DBP)</li> <li>Diisobutyl Phthalate (DIBP)</li> <li>Di-n-pentyl phthalate (DPENP)</li> <li>Di-n-hexyl phthalate (DHEXP)</li> <li>Dicyclohexyl phthalate (DCHP)</li> <li>Di-(2ethylhexyl) phthalate (DEHP)</li> <li>Benzyl Butyl Phthalate (BBP)</li> <li>Di-iso-nonyl phthalate (DINP)</li> </ul>	US 16 CFR 1307 <i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 17, 2018 in conjunction with US 16 CFR 1109.21 (b ) & (c) for composite testing
Plasticized Materials of Child Tricycle, Wheeled Child Conveyance and Baby Walking Frame 兒童三輪車, 兒童推車和嬰兒學步車中的 塑化材料	- Phthalates: 鄰苯二甲酸酯 Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯 Bis (2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基)己酯 Benzyl Butyl Phthalate (BBP) 鄰苯二甲酸丁苄酯 Di-n-octyl phthalate (DnOP) 鄰苯二甲酸二正辛酯 Di-iso-nonyl phthalate (DINP) 鄰苯二甲酸二異壬酯 Di-iso-decyl phthalate (DIDP) 鄰苯二甲酸二異癸酯	GB/T 22048 – 2015 Method A (Internal standard calibration)
Plasticized Materials of Child Tricycle, Wheeled Child Conveyance and Baby Walking Frame 兒童三輪車, 兒童推車和嬰兒學步車中的 塑化材料	- Phthalates: 鄰苯二甲酸酯 Di-iso-Butyl Phthalate (DIBP) 鄰苯二甲酸二異丁酯 Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯 Di-(2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基)己酯 Benzyl Butyl Phthalate (BBP) 鄰苯二甲酸丁苄酯 Di-n-octyl phthalate (DNP) 鄰苯二甲酸二正辛酯 Diisononyl phthalate (DINP) 鄰苯二甲酸二異壬酯 Diisodecyl phthalate (DIDP) 鄰苯二甲酸二異癸酯	GB/T 22048-2022 Method A (Internal standard calibration)



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Toys and Children's Products 玩具及兒童產品		
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	Chemical tests :- (cont'd)	
Coloured toys	- Colour fastness tests	German Method Section 64 LFGB B82.92-3: Dec. 2011 German Method Section 64 LFGB B82.02-13: Dec. 2011 DIN 53160-1: 2010 DIN 53160-2: 2010
Liquid paint, surface coating, PVC/plastics & metals	- Cadmium	Regulation (EC) No. 1907/2006 on REACH Annex XVII (Cadmium) as amended by Commission Regulation (EU) 2016/217 <i>Test Procedures for Compliance testing:</i> In House method TC008.TP



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	Chemical tests :- (cont'd)	
		Japan Toy Safety Standard ST 2016, English version, Fourth edition (October 4, 2022), Part 3
All toys' materials		Cl. 1.1 Test Procedures for Compliance testing:
	- Colouring matters	Cl. 2.1
Toys that are made of materials		Cl. 1.2
which are mainly composed of		Test Procedures for Compliance testing:
polyethylene or polyvinyl chloride	- Consumption of potassium permanganate	Cl. 1.2.1 & Cl. 2.2
(excluding parts on which paint	and residue on evaporation	Cl. 1.2.1 & Cl. 2.3
coating is applied)	- Heavy metals	Cl. 1.2.1 & Cl. 2.4
	- Arsenic	Cl. 1.2.1 & Cl. 2.5
	- Cadmium (excluding materials mainly composed of polyethylene)	Cl. 1.2.1 & Cl. 2.6
Decalcomania, folded paper and		Cl. 1.3
rubber-made toys (excluding		Test Procedures for Compliance testing:
rubber pacifiers)	- Heavy metals	Cl. 1.3.1 & Cl. 2.4
	- Arsenic	Cl. 1.3.1 & Cl. 2.5
Vinyl chloride resin coating		Cl. 1.4 & Cl. 1.5
		Test Procedures for Compliance testing:
	- Consumption of potassium permanganate	Cl. 1.4.1 & Cl. 2.2
	- Residue after evaporation	Cl. 1.4.1 & Cl. 2.3
	- Heavy metals: 8 elements	Cl. 1.5.1 & Cl. 2.7 (1) ①, (2) & (3)
	(antimony, arsenic, barium, cadmium,	
	chromium, lead, mercury and selenium)	
The Paint coating applied to the body		Cl. 1.5
or the components of the toys	- Heavy metals: 8 elements	Test Procedures for Compliance testing:
(excluding the printing ink used for	(antimony, arsenic, barium, cadmium,	Cl. 1.5.1 & Cl. 2.7 (1) ①, (2) & (3)
paper containers)	chromium, lead, mercury and selenium)	
Textile products used for toys		Cl. 1.6
		Test Procedures for Compliance testing:
	- Free formaldehyde	Cl. 1.6 & Cl. 2.8
		<excluding following="" the=""></excluding>
		Confirmation test by HPLC



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SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Chemical tests :- (cont'd)	
	Japan Toy Safety Standard ST 2016, English version, Fourth edition (October 4, 2022), Part 3
	Cl. 1.8 Test Procedures for Compliance testing:
<ul> <li>Colouring matters</li> <li>Heavy metals: 8 elements,</li> <li>(antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium)</li> </ul>	Cl. 1.8.1 & Cl. 2.1 Cl. 1.8.2 & Cl. 2.7 (1) ②, (2) & (3)
- Material test:	Cl. 1.10 <i>Test Procedures for Compliance testing</i> : Cl. 2.11.1
Cadmium and Lead - Dissolution test: Phenol, Formaldehyde, Zinc, Heavy metals and Residue on evaporation	Cl. 2.11.2
- Lead	Cl. 1.11 <i>Test Procedures for Compliance testing:</i> Cl. 2.12 & 2.7 (2) & (3)
	(antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium) - Material test: Cadmium and Lead - Dissolution test: Phenol, Formaldehyde, Zinc, Heavy metals and Residue on evaporation



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	Chemical tests :- (cont'd)	
		Specifications and Standards for Foods, Food Additives, etc, Under the Food Sanitation Law (ABSTRACTS) JETRO April 2011, Part V "TOYS"
		<i>Test procedures for compliance testing:-</i> Specification, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging,
		Toys, Detergents, January 2009
Decals	Heavy metals,	Part III A-1 & Part II B-4
	Arsenic	Part III A-1 & Part II B-7
Origami paper	Heavy metals,	Part III A-2 & Part III A-1 (2)a & Part II B-4
	Arsenic	Part III A-2 & Part III A-1 (2)b & Part II B-7
Rubber pacifiers	Material testing: Cadmium and Lead	Part III A-3 & Part II D-3(2)a & Part II B-9
	Elution testing: Phenol,	Part III A-3 & Part II D-3(2)b & Part II B-8 Phenol
	Formaldehyde,	Part III A-3 & Part II D-3(2)b & Part II B-8 Formaldehyde
	Zinc,	Part III A-3 & Part II D-3(2)b & Part II B-9
	Heavy metal,	Part III A-3 & Part II D-3(2)b & Part II B-4
	Evaporation residue	Part III A-3 & Part II D-3(2)b & Part II B-5
Coating film of toys	Soluble heavy metal (Lead, Cadmium and Arsenic)	Part III A-4 & Part II B-9
Coating film coated by	Potassium permanganate consumption	Part III A-5 & Part II B-1
using polyvinyl chloride	Evaporation residue	Part III A-5 & Part II B-5
Parts (excluding coating film)	Potassium permanganate consumption	Part III A-6 & Part III A-5(2)a & Part II B-1
manufactured using	Heavy metals,	Part III A-6 & Part III A-1(2)a & Part II B-4
materials mainly of	Cadmium,	Part III A-6 & Part II B-9
polyvinyl chloride	Evaporation residue,	Part III A-6 & Part III A-5(2)b & Part II B-5
	Arsenic	Part III A-6 & Part III A-1(2)b & Part II B-7
Parts (excluding coating film)	Potassium permanganate consumption	Part III A-9 & Part III A-5(2)a & Part II B-1
manufactured using	Heavy metals,	Part III A-9 & Part III A-1(2)a & Part II B-4
materials mainly of	Evaporation residue,	Part III A-9 & Part III A-5(2)b & Part II B-5
polyethylene	Arsenic	Part III A-9 & Part III A-1(2)b & Part II B-7



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	Chemical tests :- (cont'd)	
		Specifications and Standards for Foods, Food Additives, etc, Under the Food Sanitation Law (ABSTRACTS) JETRO April 2011, Part V "TOYS" <i>Test procedures for compliance testing:-</i> Specification, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, January 2009
Metallic accessories and toys that might be swallowed by infants and small children	Soluble Lead	Part III A-10 & Part II B-9
Synthetic resin-based coloring agents in the manufacture of toys	Colouring agent	Part III B <i>Acxoluding the following&gt;</i> Confirmation of colouring agents which are listed in Table 1 of the Implementation Regulation of the Food Sanitation Law



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Тоу	Electrical tests :-	
- Battery operated toy for children up to and including 36 months of age	- Safety requirements and test methods	Commonwealth of Australia Trade Practices Act 1974 Consumer Protection Notice No. 14 of 2003 and amendments up to Consumer Protection Notice No. 1 of 2005 <i>in conjunction with</i> AS/NZS ISO 8124.1: 2002 Annex A with modifications New Zealand Product Safety Standads (Children's Toys) Regulations 2005 (SR 2005/236) (reprinted as at 12 August 2005) <i>in conjunction with</i> AS/NZS ISO 8124.1: 2002 Annex A with modifications
- Battery operated toy	- Safety requirements and test methods	ASTM F963-17 Cl. 4.25 ASTM F963-23 Cl. 4.25
<ul> <li>Electrically operated toy</li> <li><i>Excluding the following</i></li> <li>Toy steam engine</li> </ul>	- Safety requirements and test methods	16 CFR 1505



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Toy (cont'd)	Electrical tests :-	
- Electric toy	- Safety requirements and test methods	IEC 62115: 2003 + A1: 2004 + A2: 2010 MS 62115: 2008
		MS IEC 62115: 2017
		EN 62115: 2005 + A12: 2015 BS EN 62115: 2005 + A12: 2015 < <i>Excluding the following</i> > for the above two standards Annex ZB and ZC
		IEC 62115: 2017 + Corr. 1: 2019 EN IEC 62115: 2020 + A11: 2020 BS EN IEC 62115: 2020 + A11: 2020 + Corr: 2020 AS/NZS 62115: 2018 + A1: 2021 < <i>Excluding the following</i> > for the above four standards Cl. 19.2 (electric toys incorporating light emitting diodes or UV emitting lamps), 19.3, Annex D, E(19.E.2 and 19.E.4) and I
- Electric toy	- Safety requirements and test methods	GB 6675.1-2014 Cl.5.4, and GB 19865-2005 + Amendment 1
- 電玩具	- 安全規定及測試方法	GB 6675.1-2014 Cl.5.4,及 GB 19865-2005 + 第 1 號修改單
- Electrically powered infant swing	- Safety requirements and test methods	ASTM F2088-21 Cl. 6.1 and 7.1 ASTM F2088-22
		Cl. 6.1 and 7.1



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Toy (cont'd)		
	Flammability tests :-	
	- Safety requirements and test methods	16 CFR Part 1500.44 and 16 CFR Part 1610
	- Safety requirements and test methods	ASTM F963-17
		Cl. 4.2
		ASTM F963-23
		Cl. 4.2
	- Safety requirements and test methods	EN 71-2: 2011 + A1: 2014 EN 71-2: 2020
		BS EN 71-2: 2011 + A1: 2014
		BS EN 71-2: 2020
		<excluding following="" the=""></excluding>
		for the above four standards
		Tests for flammable gas, extremely flammable liquid, highly flammable liquid, and flammable gel
	- Safety requirements and test methods	ISO 8124-2: 2014
		ISO 8124-2: 2023
		<excluding following="" the=""></excluding>
		for the above two standards
		Tests for flammable gas, highly flammable liquid, extremely flammable liquid and flammable gel
	- Safety requirements and test methods	AS/NZS ISO 8124.2: 2016
		AS/NZS ISO 8124.2: 2023
		<excluding following="" the=""></excluding>
		for the above two standards
		Tests for flammable gas, extremely flammable liquid highly flammable liquid and flammable gel
	- Safety requirements and test methods	MS ISO 8124-2: 2016
		<excluding following="" the=""></excluding>
		Tests for flammable gas, highly flammable liquid, highly flammable solid and flammable gel



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Toy (cont'd) 玩具 (續上)	Flammability tests :- 燃燒性能測試	
	- Safety requirements and test methods	GB 6675.1-2014 Cl. 5.2.1 and GB 6675.3-2014 < <i>Excluding the following</i> > Tests for flammable gas, highly flammable liquid, highly flammable solid and flammable gels
	- 安全規定及測試方法	GB 6675.1-2014 Cl. 5.2.1 及 GB 6675.3-2014 < <b>不包含&gt;</b> 易燃氣體、高度易燃液體、高度易燃固體、 易燃凝膠體
	- Safety requirements and test methods	Japan Toy Safety Standard ST2016 Fourth Edition (October 4, 2022) Part 2 (based on English version provided by JTA on December 3 2019 and translation of revision notice on October 4, 2022) <i><excluding following="" the=""></excluding></i> Tests for flammable gas, extremely flammable liquid, highly flammable liquid and flammable liquid



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	Microbiological tests :-		
Toy cosmetics	Microbiological examination of non- sterile products:	The European Cosmetic Regulation 1223/2009/EC (Annex I Part A Item 3) and The SCCS Notes of Guidance for the Testing of Cosmetics Ingredients and Their Safety Evaluation, 12 <sup>th</sup> Revision, 15 May 2023, SCCS/1647/22, Appendix 9: Guidelines on Microbiological Quality of the Finished Cosmetic Product	
	Microbial enumeration tests	European Pharmacopoeia 11.2th edition (2023) Chapter 2.6.12 (01/2021:20612) British Pharmacopoeia (2023), App. XVI B-2 BS EN ISO 21149: 2017/Amd 1: 2022 (Pour Plate Method only) & ISO 16212: 2017/Amd 1: 2022 (Pour Plate Method only)	
	Test for specified microorganisms	European Pharmacopoeia 11.2th edition (2023) Chapter 2.6.13 (01/2021:20613) British Pharmacopoeia (2023), App. XVI B-1 ISO 22717:2015/Amd 1: 2022, ISO 22718:2015/Amd 1: 2022 & BS EN ISO 18416:2015/Amd 1: 2022 & ISO 21150:2015/Amd 1: 2022	
	Efficacy of Antimicrobial Preservation (Challenge Test)	European Pharmacopoeia 11.2th edition (2023) Chapter 5.1.3 (04/2022: 50103) British Pharmacopoeia (2023), App. XVI C (Criteria B) (Count by Pour Plate Method)	



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	Microbiological tests :- (cont'd)	
Тоу	Microbiological examination of non- sterile products:	EC type approval protocol No. 2 (European Co- ordination of Notified Bodies NB-TOYS/2021-053 under the Safety of Toys Directive) Microbiological safety of toys containing aqueous media REV 4 (January 2022)
	Microbial enumeration tests	Test Procedures for compliance testing: European Pharmacopoeia 11.2th edition (2023) Chapter 2.6.12 (01/2021:20612) EN ISO 21149: 2017/Amd 1: 2022 (Pour Plate Method only) & ISO 16212: 2017/Amd 1: 2022 (Pour Plate Method only)
	Test for specified microorganisms	European Pharmacopoeia 11.2th edition (2023) Chapter 2.6.13 (01/2021:20613) ISO 22717:2015/Amd 1: 2022, ISO 22718:2015/Amd 1: 2022 & EN ISO 18416:2015/Amd 1: 2022, ISO 21150:2015/Amd 1: 2022 & EN ISO 18415: 2017/Amd 1: 2022
	Efficacy of Antimicrobial Preservation (Challenge Test)	European Pharmacopoeia 11.2th edition (2023) Chapter 5.1.3 (04/2022: 50103)



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	Microbiological tests :- (cont'd)	
Toy cosmetics, liquids, pastes, putties, gels, and powders	Cleanliness of Materials	ASTM F963-17 Cl. 4.3.6.3 and 8.4.1 Test Procedures for compliance testing:
<pre>&lt; Excluding the following &gt; - avian feather products</pre>	- Microbial Enumeration Tests	USP< 61 > 35th edition (2012) United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <61>
	- Tests for Specified Microorganisms	USP< 62 > 35th edition (2012) United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <62>
Toy cosmetics, liquids, pastes, putties, gels, and powders	Preservative effectiveness	ASTM F963-17 Cl. 4.3.6.4 and 8.4.2.2 & 8.4.2.3 <i>Test Procedures for compliance testing:</i> USP< 51 > 35th edition (2012) United States Pharmacopeia – National Formulary
		(USP–NF) 2023, Issue 1, Chapter <51>
Products for babies that are put in the mouth when used and that contain a filling	Sterility Tests	Canada Consumer Product Safety Act (CCPSA) Schedule 2 Item 4 <i>Test Procedures for compliance testing:</i> United States Pharmacopeia – National Formulary (USP–NF) 2023, Issue 1, Chapter <71>



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	Physical and mechanical tests :-	
Тоу	- Safety requirements and test methods	ISO 8124-1: 2022 < <i>Excluding the following&gt;</i> Cl. 4.28 and 4.29(f)
		ISO 8124-1: 2018 + Amd. 1: 2020 and Amd. 2: 2020 <i>Excluding the following&gt;</i> Cl. 4.28 and 4.29(f)
Тоу	- Safety requirements and test methods	AS/NZS ISO 8124.1: 2023 < <i>Excluding the following</i> > Cl. 4.28 and 4.29(f)
		AS/NZS ISO 8124.1: 2019 + Amd. 1: 2020 and Amd. 2: 2020 < <i>Excluding the following</i> > Cl. 4.28 and 4.29(f)
		AS/NZS ISO 8124.1: 2002 + A1: 2007 + A2: 2009+ A3: 2009 < <i>Excluding the following</i> > C1. 4.27
Тоу	- Safety requirements and test methods	MS ISO 8124-1: 2016 < <i>Excluding the following&gt;</i> Cl. 4.28 and 4.29(f)
	- Graphical symbol for age warning labeling	MS 1774-6: 1998
Тоу	- Safety requirements and test methods	Japan Toy Safety Standard ST2016 Fourth Edition (October 4, 2022) Part 1 (based on English version provided by JTA on December 3, 2019 and translation of revision notice on October 4, 2022) <i>Excluding the following</i> Cl. 4.23(e)



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	Physical and mechanical tests :- 機械及物理性能測試	
Toy 玩具	- Safety requirements and test methods	GB 6675.1-2014 Cl. 5.1.1 to 5.1.11, and GB 6675.2-2014 + Amendment 1 <i>Excluding the following</i> > Cl. 4.27 and 4.28.2(e)
	- 安全規定及測試方法	GB 6675.1-2014 Cl. 5.1.1 至 5.1.11,及 GB 6675.2-2014 + 第 1 號修改單 < <b>不包括</b> > Cl. 4.27 and 4.28.2(e)
	- Instructions for use of toys	GB 5296.5-2006
	- 玩具使用說明	GB 5296.5-2006
- Toy scooter 玩具滑板車	- Safety requirements and test methods	GB 6675.12-2014
	- 安全規定及測試方法	GB 6675.12-2014
Тоу	- Safety requirements and test methods	NF EN 71-1: 2014 < <b>Excluding the following&gt;</b> Cl. 4.18 (test to EN 15649-3), 4.20.2.11 EN 71-1:2014 + A1: 2018 BS EN 71-1:2014 + A1: 2018 < <b>Excluding the following&gt;</b> for the above two standards Cl. 4.18 (test to EN 15649-3), 4.20.2.11



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	Physical and mechanical tests :-	
Тоу	- Physical and mechanical tests	ASTM F963-17
	- Safety requirements	Cl. 4.1, 4.3.7, 4.5 to 4.24, 4.26 to 4.41
		<excluding following="" the=""></excluding>
		Cl. 4.1 (reprocessed materials test to 4.3.1),
		4.5.1.6 (percussion caps)
	- Labeling requirements	Section 5
	- Instructional literature	Section 6
	- Producer's markings	Section 7
	- Test methods	Section 8
	- Physical and mechanical tests	ASTM F963-23
	- Safety requirements	Cl. 4.1, 4.3.7, 4.5 to 4.24, 4.26 to 4.41
		<excluding following="" the=""></excluding>
		Cl. 4.1 (reprocessed materials test to 4.3.1),
		4.5.1.6 (percussion caps)
	- Labeling requirements	Section 5
	- Instructional literature	Section 6
	- Producer's markings	Section 7
	- Test methods	Section 8
	- Safety requirements and test methods	Federal Hazardous Substances Act Regulations
		16 CFR 1500.48
		16 CFR 1500.49
		16 CFR 1500.50
		16 CFR 1500.51
		16 CFR 1500.52
		16 CFR 1500.53
		16 CFR 1501
		16 CFR 1510



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Physical and mechanical tests :-	
- Ball intended for use by children under 3 years of age	- Identification of mechanical hazard of small balls	16 CFR 1500.18(a)(17)
- Clacker ball	- Identification of banned toys	16 CFR 1500.18(a)(7) in conjunction with test methods specified in 16 CFR 1500.86(a)(5)
- Dive stick	- Identification of banned toys	16 CFR 1500.18(a)(19) in conjunction with test methods specified in 16 CFR 1500.86(a)(7) or 16 CFR 1500.86(a)(8)
- Marble, small ball, balloon and other small parts intended for use by children above 3 years of age	- Determination of misbranded toys	16 CFR 1500.19
- Toy gun	- Marking for toy guns	15 CFR 1150


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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Physical and mechanical tests :-	
- Toy for children up to and including 36 months of age	- Safety requirements and test methods	Commonwealth of Australia Trade Practices Act 1974 Consumer Protection Notice No. 14 of 2003 and amendments up to Consumer Protection Notice No. 1 of 2005 <i>in conjunction with</i> AS/NZS ISO 8124.1: 2002 with modifications
		New Zealand Product Safety Standads (Children's Toys) Regulations 2005 (SR 2005/236) (reprinted as at 12 August 2005) <i>in conjunction with</i> AS/NZS ISO 8124.1: 2002 with modifications
		Australia Consumer Goods (Toys for Children up to and including 36 Months of Age) safety standard 2023 <i>in conjunction with</i> AS/NZS ISO 8124.1: 2023 with modifications, ISO 8124-1: 2022 with modifications, EN 71-1: 2014 + A1: 2018, ASTM F963-17 with modifications or
		AS/NZS 62115: 2018 with modifications
- Aquatic toy	- Safety requirements and test methods	Australian Consumer Goods (Aquatic toys) Safety Standard 2020 <i>in conjunction with</i> AS/NZS ISO 8124-1: 2019 Cl. 4.20 and Annex B.2.6, or ISO 8124-1: 2018 Cl. 4.20 and Annex B.2.6
- Toy Containing Magnets	- Safety requirements and test methods	Australian Consumer Goods (Toys Containing Magnets) Safety Standard 2020 <i>in conjunction with</i> AS/NZS ISO 8124-1: 2019 Cl. 4.1, 4.31, EN 71-1: 2014+A1:2018 Cl. 4.23, ISO 8124-1: 2018 Cl. 4.1 and 4.31, or ASTM F963-17 section 4.38, 8.5 and 8.9
- Projectile toy	- Safety requirements and test methods	Australian Consumer Goods (Projectile toys) Safety Standard 2020 <i>in conjunction with</i> AS/NZS ISO 8124-1: 2019 Cl. 4.18, 4.19, EN 71-1: 2014 + A1: 2018 Cl. 4.11(e) & 4.17, ISO 8124-1: 2018 Cl. 4.18 and 4.19, or ASTM F963-17 Section 4.21



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products	Physical and mechanical tests :-	
	Thysical and meenaneal tests	
- Babies' dummy / Pacifier / Soother	- Safety requirements and test methods	AS 2432: 2015 < <b>Excluding the following</b> > Section 4 BS EN 1400: 2013 + A2: 2018 EN 1400: 2013 + A2: 2018 < <b>Excluding the following</b> > for the above two standards Section 10 16 CFR 1511 Competition and Consumer Act 2010
		Consumer Goods (Babies' Dummies and Dummy Chains) Safety Standard 2017 Section 8 or Section 9 <i>in conjunction with</i> (a) AS 2432: 2015 Section 5, 6, 7 and 8, or (b) EN 1400: 2013 + A1: 2014 Section 5, 6, 7, 8, 9, 12 and 13
		Pacifiers Regulation (SOR/2016-184) <i>in conjunction with</i> Health Canada Product Safety Reference Manual Book 5 – Laboratory Policies and Procedures Part B: Test Method Section Method M-09 (2023)



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products (cont'd) 兒童用品(續上)	Dhusing and machanical tasts -	
	Physical and mechanical tests :-	
- Dummy chain / Soother holder	- Safety requirements and test methods	BS EN 12586: 2007 + A1: 2011 EN 12586: 2007 + A1: 2011
		Competition and Consumer Act 2010 Consumer Goods (Babies' Dummies and Dummy Chains) Safety Standard 2017 Section 10 <i>in conjunction with</i> EN 12586: 2007 + A1: 2011 Section 5 and 6
- Child use cutlery and feeding utensil	- Safety requirements and test methods	BS EN 14372: 2004 EN 14372: 2004 <i>Excluding the following &gt;</i> for the above two standards Cl. 5.4
- Child use drinking equipment	- Safety requirements and test methods	BS EN 14350-1: 2004 EN 14350-1: 2004
		BS EN 14350: 2020 + A1: 2023 EN 14350: 2020 + A1: 2023 < <i>Excluding the following</i> > for the above two standards Cl. 8
- Baby walking frame 嬰兒學步車	- Safety requirements and test methods 安全要求及測試方法	GB 14749: 2006* Cl. 4.1.1, 4.3 to 4.11
- Child tricycle 兒童三輪車	- Safety requirements and test methods 安全要求及測試方法	GB 14747: 2006* Cl. 4.1.2, 4.2 to 4.6
- Wheeled child conveyance 兒童推車	- Safety requirements and test methods 安全要求及測試方法	GB 14748: 2006* Cl. 4.1.1, 4.3 to 4.17

\* Physical and mechanical tests are carried out at Unit 7-10, Ground Floor, Trans Asia Centre, 18 Kin Hong Street, Kwai Chung, New Territories, Hong Kong. 機械及物理性能測試在香港新界葵涌健康街 18 號恆亞中心地下 7-10 號單位進行。



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Unit A, 9/F, Hang Cheong Factory Building, 1 Wing Ming Street, Kowloon, Hong Kong 香港九龍永明街一號恆昌工廠大廈九樓 A 室

自态尤能不引有一號位自工廠八度尤後五至 Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Safety tests :-	
Air conditioner (with rated voltage not more than 250 V for single-phase appliance and rated cooling capacity not more than 27000 Btu/hr) <i>Excluding the following&gt;</i> product with heat pump	- Compliance inspection and safety tests	EN 60335-2-40: 2003 + A1: 2006 + A2: 2009 + A11: 2004 + A12: 2005 + A13: 2012 IEC 60335-2-40: 2002 + A1: 2003 + A2: 2005 < <i>Excluding the following &gt;</i> for the above two standards Cl. 15.1 (tests for IPX1 to IPX4, IPX6, IPX8), 22.1 (tests for IP5X, IP6X), 22.32 (oxygen bomb test), 22.46, 22.113, 22.114, 22.115, 22.116, 22.117 and 22.118; Annexes DD and GG (flammable refrigerant)



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Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
	Safety tests :-	
Electrical accessory		
- Switch for household and similar fixed electrical installation (up to 45A single phase)	- Compliance inspection and safety tests	SS 227 Part 1: 2000 < <i>Excluding the following</i> > Cl. 15.2, chemical analysis for Cl. 22.5 and 22.6 BS EN 60669-1: 2018 EN 60669-1: 2018 IEC 60669-1: 2017 MS IEC 60669-1:2012 < <i>Excluding the following</i> >
		for the above four standards Cl. 15.2, 19.3, chemical analysis for Cl. 22.5 and 22.6
<ul> <li>Electronic switch for household and similar fixed electrical installation (up to 25A single phase)</li> </ul>	- Compliance inspection and safety tests	BS EN 60669-2-1: 2004 + A12: 2010 EN 60669-2-1: 2004 + A1: 2009 + A12: 2010 IEC 60669-2-1: 2002 + A1: 2008 + A2: 2015 MS IEC 6669-2-1: 2012 < <i>Excluding the following</i> > for the above four standards Cl. 17, 18, 19, 26, 101 and 102
<ul> <li>Isolating switch for household and similar fixed electrical installation (up to 45A single phase)</li> </ul>	- Compliance inspection and safety tests	BS EN 60669-2-4: 2005 EN 60669-2-4: 2005 IEC 60669-2-4: 2004 < <i>Excluding the following</i> > for the above three standards Cl. 16.101 and 18.101
- Time-delay switch for household and similar fixed electrical installation (up to 45A single phase)	- Compliance inspection and safety tests	BS EN 60669-2-3: 2006 EN 60669-2-3: 2006 IEC 60669-2-3: 2006 MS IEC 60669-2-3: 2012



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SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Safety tests :	
- Testing and requirements - Instructions for use - Marking	IEC 60086-5: 2016* Cl. 6 Cl. 8 Cl. 9
- Test methods and requirements - Marking	IEC 62281:2012* Cl. 6 Cl. 9
- Specific requirements and tests	IEC 62133: 2012 7 and 8 < <i>Excluding the following</i> > Clause 8.3.9
<ul> <li>Marking</li> <li>Altitude simulation</li> <li>Thermal test</li> <li>Vibration</li> <li>Shock</li> <li>External short circuit</li> <li>Impact</li> <li>Forced discharge</li> </ul>	10 UN Recommnendations on the Transport of Dangerous Goods, Manual of Tests and Criteria (2015) + Corrigendum: 2016* Section 38.3
<ul> <li>Altitude simulation</li> <li>Thermal test</li> <li>Vibration</li> <li>Shock</li> <li>External short circuit</li> <li>Impact</li> <li>Overcharge</li> <li>Forced discharge</li> </ul>	UN Recommnendations on the Transport of Dangerous Goods, Manual of Tests and Criteria (2015) + Corrigendum: 2016* Section 38.3
	PROPERTY MEASURED 特定測試或量度的特性         Safety tests :         - Testing and requirements         - Instructions for use         - Marking         - Test methods and requirements         - Marking         - Specific requirements and tests         - Marking         - Altitude simulation         - Thermal test         - Vibration         - Shock         - External short circuit         - Impact         - Forced discharge         - Altitude simulation         - Thermal test         - Vibration         - Shock         - External short circuit         - Impact         - Forced discharge

\* Vibration test and shock test are conducted at 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong



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音论制作/可入及田尾树 45-47 號環球工業 + 乙地下 5 號 Electrical and Electronic Products 電氣及電子產品		
SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術	
EMC tests :- Emission tests		
<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	47 CFR Part 11 Subpart B in conjunction with 47 CFR Part 15 Subpart A and B using test methods specified in ANSI C63.4-2014 and ANSI C63.4a-2017	
<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	47 CFR Part 15 Subpart A and B using test methods specified in ANSI C63.4-2014 and ANSI C63.4a-2017	
<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	47 CFR Part 15 Subpart A and C using test methods specified in ANSI C63.10-2013	
<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	47 CFR Part 15 Subpart A and D using test methods specified in ANSI C63.17-2013	
<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	47 CFR Part 15 Subpart A and E using test methods specified in ANSI C63.10-2013	
<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	47 CFR Part 15 Subpart A and E using test methods specified in FCC KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02	
	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性           EMC tests :- Emission tests           - Measurement of radiated emission - 9 kHz to 40 GHz           - Measurement of conducted emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of conducted emission - 9 kHz to 40 GHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz           - Measurement of conducted emission - 150 kHz to 30 MHz           - Measurement of conducted emission - 150 kHz to 30 MHz           - Measurement of radiated emission - 150 kHz to 30 MHz	



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Electrical and Electronic Products 電氣及電子產品		
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	EMC tests :- Emission tests	
Consumer ISM equipment	<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>9 kHz to 30 MHz</li> </ul>	47 CFR Part 18 using test methods specified in FCC/OET MP-5: 1986
	<ul> <li>Measurement of terminal disturbance voltages</li> <li>9 kHz to 30 MHz</li> <li>Measurement of electromagnetic radiation disturbance</li> <li>9 kHz to 18 GHz</li> </ul>	AS/NZS CISPR 11:2011 CISPR 11:2009 + A1:2010 EN 55011: 2009 + A1:2010
	<ul> <li>Measurement of terminal disturbance voltages</li> <li>9 kHz to 30 MHz</li> <li>Measurement of electromagnetic radiation disturbance</li> <li>9 kHz to 18 GHz</li> </ul>	AS CISPR 11:2017 + A1: 2020 CISPR 11: 2015 + A1: 2016 + A2: 2019 EN 55011: 2016 + A1: 2017 + A11: 2020



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	EMC tests :- Emission tests	
Licence-exempt radio apparatus: category I equipment	<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> </ul>	RSS-210 Issue 11, June 2024 <i>Excluding the following&gt;</i> Annexes E, F, J and K in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test method specified in ANSI C63.10: 2020+Cor1: 2023
Licence-exempt radio apparatus: category II equipment	<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> <li>Measurement of conducted emission at antenna terminal</li> <li>9 kHz to 40 GHz</li> </ul>	RSS-310 Issue 5, January 2020 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2013
2 GHz Licence-exempt personal communications service devices	<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> <li>Measurement of conducted emission at antenna terminal</li> <li>9 kHz to 40 GHz</li> </ul>	RSS-213 Issue 3, March 2015 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.17-2013
Digital transmission system, frequency hopping system and licence-exempt local area network device	<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>150 kHz to 30 MHz</li> <li>Measurement of conducted emission at antenna terminal</li> <li>9 kHz to 40 GHz</li> </ul>	RSS-247 Issue 3, August 2023 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2013



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	EMC tests :- Emission tests	
Ultra-low power wireless medical capsule endoscopy device operating in 430 MHz to 440 MHz	<ul> <li>Transmitter effective radiated power</li> <li>430 MHz to 440 MHz</li> <li>Transmitter's effective radiated power spectral density</li> <li>430 MHz to 440 MHz</li> <li>Transmitter unwanted emissions</li> <li>9 kHz to 40 GHz</li> <li>Data recorder receiver spurious emissions</li> <li>9 kHz to 40 GHz</li> </ul>	RSS-246 Issue 1, March 2019 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2013
Wireless power transfer device	<ul> <li>Measurement of radiated emission</li> <li>9 kHz to 40 GHz</li> <li>Measurement of conducted emission</li> <li>9 kHz to 30 MHz</li> </ul>	RSS-216 Issue 3, September 2024 <i>Excluding the following&gt;</i> C1. 5.2.2 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2020+Cor1: 2023 and ANSI C63.30: 2021



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Radio equipment	Telecommunications equipment tests :-	
- Angle modulated radio transmitter and receiver for use as base, repeater, mobile and portable equipment in the land mobile radio service	<ul> <li>Test for transmitter:</li> <li>Carrier power</li> <li>Frequency error</li> <li>Frequency deviation</li> <li>Adjacent channel power</li> <li>Spurious emissions</li> <li>Test for receiver:</li> <li>Usable sensitivity</li> <li>Adjacent channel selectivity</li> <li>Intermodulation response rejection</li> <li>Blocking or desensitization</li> <li>Spurious response rejection</li> <li>Receiver spurious emissions</li> </ul>	HKCA 1002 Issue 6 (2008)
- VHF transmitter for use in the public paging service	<ul> <li>Spurious emissions</li> <li>Intermodulation attenuation</li> <li>Test for transmitter: <ul> <li>Carrier power</li> <li>Frequency error</li> <li>Frequency deviation</li> <li>Spurious emissions</li> </ul> </li> </ul>	HKCA 1004 Issue 4 (2003)
<ul> <li>Low power radio microphone including associated receiving equipment</li> </ul>	<ul> <li>Adjacent channel power</li> <li>Test for transmitter:</li> <li>Frequency error</li> <li>Transmitter output power</li> <li>Maximum permissible frequency deviation</li> <li>Spurious emissions</li> <li>Test for receiver:</li> <li>Receiver spurious emissions</li> </ul>	HKCA 1008 Issue 4 (2013)



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Radio equipment (cont'd)	Telecommunications equipment tests :-	
- Angle modulated radio equipment for use as repeater, base and mobile stations in 800 MHz trunked radio	<ul> <li>Test for transmitter:</li> <li>Carrier power</li> <li>Frequency error</li> <li>Frequency deviation</li> <li>Spurious emissions</li> <li>Test for receiver:</li> <li>Usable sensitivity</li> <li>Adjacent channel selectivity</li> <li>Intermodulation response rejection</li> <li>Spurious response rejection</li> <li>Receiver spurious emissions</li> <li>Test for repeater:</li> <li>Carrier power</li> <li>Spurious emissions</li> <li>Intermodulation attenuation</li> </ul>	HKCA 1016 Issue 4 (2007)
TV antenna amplifier	- Gain/frequency response - Intermodulation response rejection	HKCA 1019 Issue 3 (2011)
- Repeater equipment for use in the public mobile communications service employing Global System for Mobile Communications (GSM) operating in the 900 MHz band or in the Personal Communications Service (PCS) operating in the 1800 MHz band	<ul> <li>Test for repeaters</li> <li>Spurious emissions</li> <li>Intermodulation attenuation</li> <li>Out of band gain</li> </ul>	HKCA 1020 Issue 7 (2011)



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Radio equipment (cont'd)	Telecommunications equipment tests :-	
- Radio equipment exempted from licensing	<ul> <li>Test for transmitter:</li> <li>Carrier power</li> <li>Power spectral density</li> <li>Spurious emissions</li> </ul>	HKCA 1035 Issue 7 (2016) < <i>Excluding the following</i> > Cl. 3.(v)
- Radiocommunications apparatus operating in the 27MHz band for private use	<ul> <li>Test for transmitter:</li> <li>Mean power</li> <li>Emission bandwidth</li> <li>Spurious emissions</li> </ul>	HKCA 1041 Issue 1 (2003)
- Radiocommunications apparatus operating in the 409 MHz band as short range portable radio	<ul> <li>Test for transmitter:</li> <li>Effective radiated power</li> <li>Frequency error</li> <li>Adjacent channel power</li> <li>Spurious emissions</li> <li>Test for receiver:</li> <li>Receiver spurious emissions</li> </ul>	HKCA 1044 Issue 1 (2003)



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Radio equipment (cont'd)	Telecommunications equipment tests :-	
Radio equipment (cont'd) - Ultra Low Power (ULP) wireless medical capsule endoscopy device operating in the frequency band of 430 MHz to 440 MHz	- Transmitter requirements - Receiver requirements	ETSI EN 303 520: 2019



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# Intertek Testing Services Hong Kong Ltd.

天祥公證行有限公司

Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Radio equipment (cont'd)	Telecommunications equipment tests :-	
Wireless communications device to be used with the radiating part in close proximity to the human ear	- Specific Absorption Rate (SAR) measurement - 300 MHz to 6 GHz	IEEE 1528: 2013
	<ul><li>Specific Absorption Rate (SAR) measurement</li><li>300 MHz to 3 GHz</li></ul>	EN 50360: 2017 in conjunction with EN 62209-1: 2016
	<ul> <li>Specific Absorption Rate (SAR) measurement</li> <li>300 MHz to 3 GHz</li> </ul>	EN 62209-1: 2016 IEC 62209-1: 2016
	- Specific Absorption Rate (SAR) measurement - 100 kHz to 6 GHz	RSS-102 Issue 6, December 2023 using test methods specified in RSS-102.SAR.MEAS Issue 1, December 2023 + Amendment 1, May 2024 <i>Excluding the following&gt;</i> Cl. 5.6, 5.11, 5.12, Annexes F & G
	<ul> <li>Field Reference Level (FRL) evaluation</li> <li>100 kHz to 6 GHz</li> </ul>	RSS-102 Issue 6, December 2023 using test methods specified in IEEE C95.3: 2021
	- Nerve Simulation (NS) measurement - 3 kHz to 10 MHz	RSS-102 Issue 6, December 2023 using test methods specified in RSS-102.NS.MEAS Issue 1, December 2023 <i>Excluding the following</i> C.3



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# Intertek Testing Services Hong Kong Ltd.

天祥公證行有限公司

Electrical and Electronic Products 電氣及電子產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Radio equipment (cont'd)	Telecommunications equipment tests :-	
- Wireless communications device to be used with the radiating part in close proximity to the human body	<ul> <li>Specific Absorption Rate (SAR) measurement</li> <li>300 MHz to 6 GHz</li> </ul>	EN 50566: 2013 using the method specified in EN 62209-2: 2010
	<ul><li>Specific Absorption Rate (SAR) measurement</li><li>300 MHz to 6 GHz</li></ul>	EN 62209-2: 2010 IEC 62209-2: 2010
	- Specific Absorption Rate (SAR) measurement - 100 kHz to 6 GHz	RSS-102 Issue 6, December 2023 using test methods specified in RSS-102.SAR.MEAS Issue 1, December 2023 + Amendment 1, May 2024 < <i>Excluding the following&gt;</i> Cl. 5.6, 5.11, 5.12, Annexes F & G
	<ul> <li>Field Reference Level (FRL) evaluation</li> <li>100 kHz to 6 GHz</li> </ul>	RSS-102 Issue 6, December 2023 using test methods specified in IEEE C95.3: 2021
	- Nerve Simulation (NS) measurement - 3 kHz to 10 MHz	RSS-102 Issue 6, December 2023 using test methods specified in RSS-102.NS.MEAS Issue 1, December 2023 <i>Excluding the following</i> C.3



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products	Physical and mechanical tests :-	
- Bassinet and cradle	- Safety requirements and test methods	16 CFR Part 1218 in conjunction with ASTM F2194-13 ASTM F2194-22e1
- Booster seat	- Safety requirements and test methods	16 CFR Part 1237 in conjunction with ASTM F2640-18 ASTM F2640-18
- Carriage and stroller	- Safety requirements and test methods	16 CFR Part 1227 in conjunction with ASTM F833-21 ASTM F833-21 Canada Carriages and Strollers Regulations, SOR/2023-101 <i>in conjunction with</i> ASTM F833-21 <i><excluding following="" the=""></excluding></i> Section 3-7



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香港新介葵浦健康街 18號恆亞平心地下 7-10號車位 Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products (cont'd)	Physical and mechanical tests :- (cont'd)	
- Carrier		
- Baby carrier	- Safety requirements and test methods	EN 13209-2: 2015 BS EN 13209-2: 2015 incorporating corrigendum June 2016
- Frame child carrier	- Safety requirements and test methods	16 CFR Part 1230 in conjunction with ASTM F2549-22
		ASTM F2549-22
- Hand held infant carrier	- Safety requirements and test methods	16 CFR Part 1225 in conjunction with ASTM F2050-19
		ASTM F2050-19
- Sling carrier	- Safety requirements and test methods	16 CFR Part 1228 in conjunction with ASTM F2907-22
		ASTM F2907-22
- Soft Infant and toddler carrier	- Safety requirements and test methods	16 CFR Part 1226 in conjunction with ASTM F2236-14
		ASTM F2236-16a
- Changing table	- Safety requirements and test methods	16 CFR Part 1235 in conjunction with ASTM F2388-21
		ASTM F2388-21
- Children's chair and stool	- Safety requirements and test methods	16 CFR Part 1232 in conjunction with ASTM F2613-21
		ASTM F2613-21 ASTM F2613-22



天祥公證行有限公司

Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products (cont'd)	Physical and mechanical tests :- (cont'd)	
- Crib / play yard		
- Full-size baby crib	- Safety requirements and test methods	ASTM F1169-19
		16 CFR Part 1219 in conjunction with ASTM F1169-19
- Non-full-size baby crib	- Safety requirements and test methods	16 CFR Part 1220 in conjunction with ASTM F406-22
- Non-full-size baby crib / play yard	- Safety requirements and test methods	ASTM F406-22
- Play yard	- Safety requirements and test methods	16 CFR Part 1221 in conjunction with ASTM F406-19
- Expansion gate and expandable enclosure	- Safety requirements and test methods	16 CFR Part 1239 in conjunction with ASTM F1004-22
		ASTM F1004-22 ASTM F1004-23
- High chair	- Safety requirements and test methods	16 CFR Part 1231 in conjunction with ASTM F404-21
		ASTM F404-21
- Infant bath seat	- Safety requirements and test methods	16 CFR Part 1215 in conjunction with ASTM F1967-19
		ASTM F1967-19



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products (cont'd)	Physical and mechanical tests :- (cont'd)	
- Infant bath tub	- Safety requirements and test methods	16 CFR Part 1234 in conjunction with ASTM F2670-22 ASTM F2670-22
- Infant bouncer seat	- Safety requirements and test methods	16 CFR Part 1229 in conjunction with ASTM F2167-22 ASTM F2167-22
- Infant sleep product	- Safety requirements and test methods	16 CFR Part 1236 in conjunction with ASTM F3118-17a ASTM F3118-17a
- Infant swing	- Safety requirements and test methods	16 CFR Part 1223 in conjunction with ASTM F2088-22 ASTM F2088-22
- Baby walker / infant walker	- Safety requirements and test methods	<ul> <li>16 CFR Part 1216</li> <li>in conjunction with ASTM F977-22e1</li> <li>ASTM F977-22e1</li> <li>Competition and Consumer Act 2010</li> <li>Consumer Protection Notice No. 1 of 2013 – The Schedule Division 2(2)</li> <li><i>in conjunction with</i></li> <li>ASTM F977-12</li> <li>Section 6, 7 and 8</li> </ul>



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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Children's products (cont'd)	Physical and mechanical tests :- (cont'd)	
- Stationary activity center	- Safety requirements and test methods	16 CFR Part 1238 in conjunction with ASTM F2012-18e1 ASTM F2012-18e1
- Toddler bed	- Safety requirements and test methods	16 CFR Part 1217 in conjunction with ASTM F1821-19e1 ASTM F1821-19e1 ASTM F1821-19e2
- Tricycles for children 8 years or under	- Safety requirements and test methods	ANSI Z315.1-2012